

1.2.1

Number of Certificate/Value added courses



KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION on "Theoretical and practical approach to various unit operations in pharmacy" from 20.8.2018 to 30.8.2018.

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1. What is alternative name for freeze drying?

- a) **Lyophilisation**
- b) Cold pasteurization
- c) Irradiation+
- d) Liposuction

Q2. During the primary drying phase in freeze drying, What is necessary to calculate amount of heat required?

- a) **By using latent heat of sublimation**
- b) By using latent heat of vapourization
- c) By using enthalpy
- d) By using specific heat

Q3. At what point the ice crystal formation takes place?

- a) When the material is cooled below its triple point
- b) When the material is cooled below its freezing point
- c) **When the material is cooled below its dew point**
- d) When the material is cooled above its triple point

Q4 How long does freeze drying take?

- a) 10 to 40 hours
- b) 20 to 40 hours
- c) **30 to 50 hours**
- d) 5 to 20 hours

Q5. What are the two processes in distillation?

- a) Distilling and freezing
- b) **Distilling and condensation reflux**
- c) Freezing and condensation reflux
- d) Only condensation reflux (D) All of the above


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Q6. Who discovered distillation?

- a) **Jabir ibn Hayyan**
- b) Guldberg and Waage
- c) Charles Chamberland
- d) Clarence Birdseye

Q7. BOD measures the amount of

- A) bacteria in a given sample of water
- B) algae being decomposed in a given sample
- C) **oxygen bacteria need to decompose organic matter in a given sample**
- D) oxygen bacteria need to decompose organic matter in a given sample in a fixed period of time

Q8 Fish die as a result of water pollution due to

- A) **less BOD**
- B) more tolerance range for oxygen
- C) narrow tolerance range for oxygen
- D) zero tolerance range for oxygen

Q9. The height of suspension is determined by _____

- a) Particle weight
- b) **Particle size**
- c) Magnetic field
- d) Storage

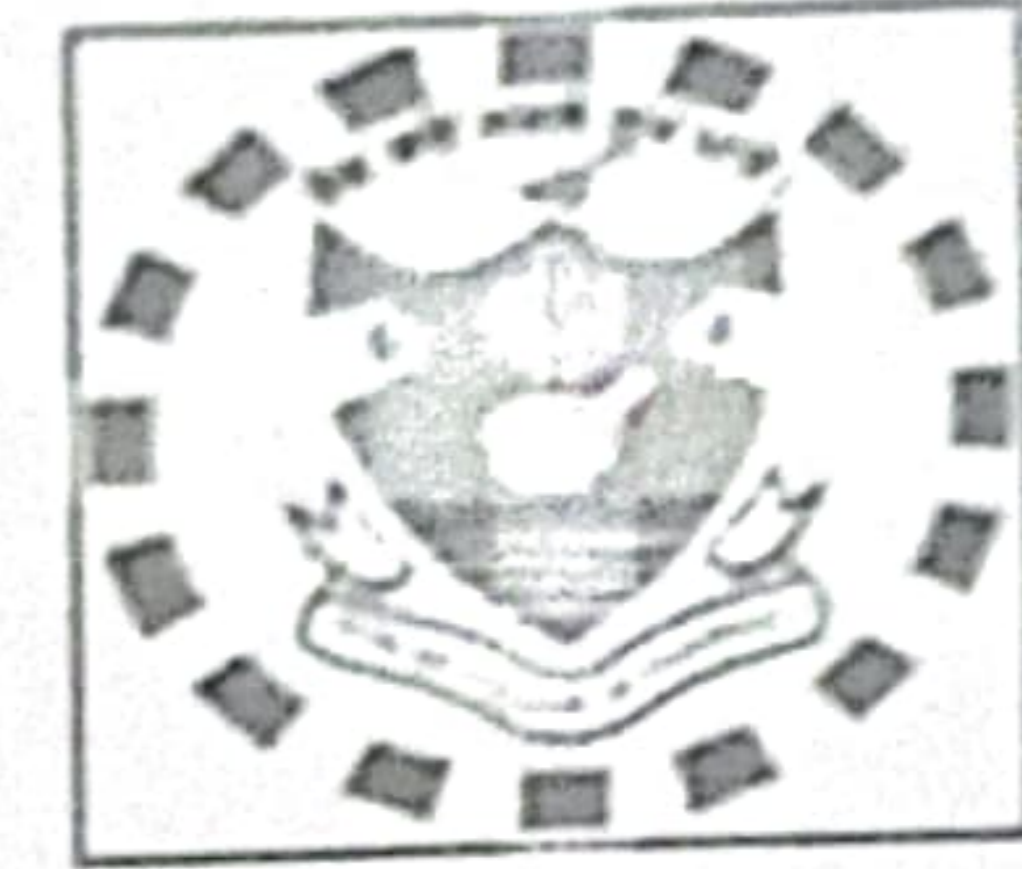
Q10 Electromagnetic field controls are necessary for _____

- a) Grate magnets
- b) Metal detectors
- c) **Magnetic drums**
- d) Cobbing trims



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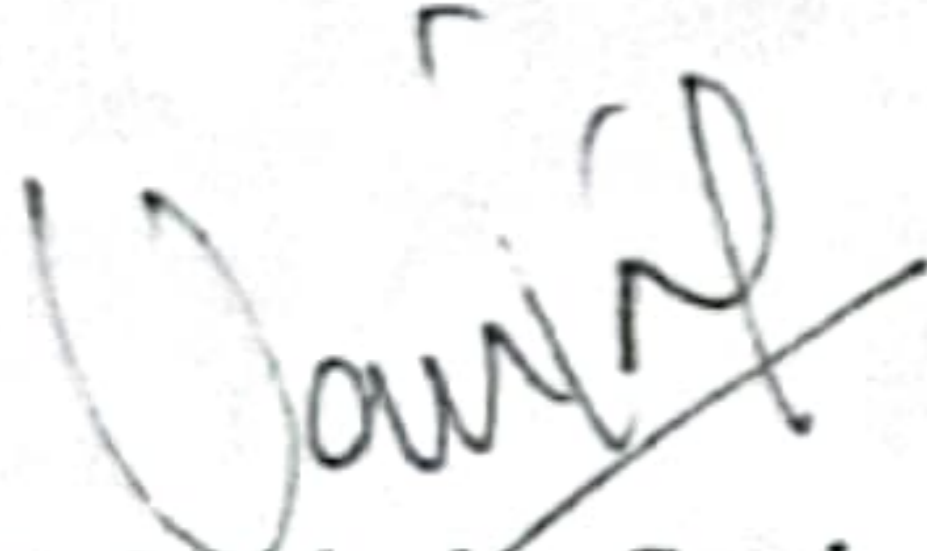


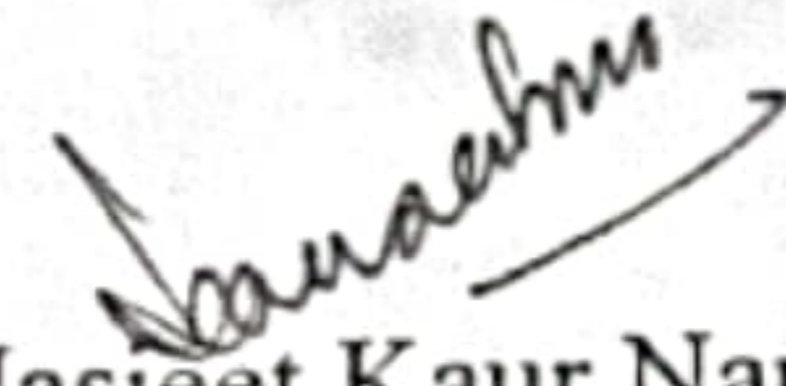


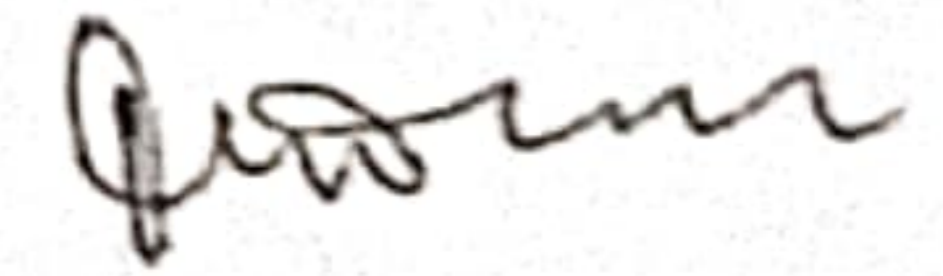
CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THATABINAV SHARMA.....OF.....B. PHARMACY.....
.....7th SEMESTER..... HAS SUCCESSFULLY COMPLETED CERTIFICATE
COURSE ON "THEORETICAL AND PRACTICAL APPROACH TO
VARIOUS UNIT OPERATIONS IN PHARMACY", ORGANIZED BY
.....KHALSA COLLEGE OF PHARMACY, AMRITSAR.....

FROM 20TH AUGUST TO 30TH AUGUST 2018.


Dr Varinder Soni
Convener


Dr. Jasjeet Kaur Narang
Coordinator


Dr. R.K. Dhawan
Director-Principal

CERTIFICATE COURSE ON "THEORETICAL AND PRACTICAL APPROACH TO VARIOUS UNIT OPERATIONS IN PHARMACY" [COURSE CODE KCP-VAC 01]



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KHALSA COLLEGE OF PHARMACY AND TECHNOLOGY, ASR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON

'Instrumentation Techniques in Clinical Microbiology' FROM 1st Sept 2018 to 5th Oct 2018.

Name of Student _____

Class/Semester _____

Reg.No. _____

Note ; Attempt all questions. Each question carry equal marks.

1. Autoclaving is carried out at
 - a. Dry heat
 - b. 120°C
 - c. Atmospheric Pressure
 - d. All of these

2. In electron microscope, what material is used as an objective lense?
 - a. **Magnetic coils**
 - b. Superfine glass
 - c. Aluminium foils
 - d. Electrons

3. In electron microscope source of electrons is from
 - a. Mercury lamp
 - b. **Tungsten metal**
 - c. Both a and b
 - d. None of these

4. Which of the following method of sterilization has no effect on spores?
 - a. **Drying**
 - b. Hot air oven
 - c. Autoclave
 - d. None of these

5. Lyophilization means
 - a. Sterilization
 - b. **Freeze-drying**
 - c. Burning to ashes
 - d. Exposure to formation

6. Biological Oxygen Demand (BOD) is a measure of:



- a. **Industrial wastes poured into water bodies**
- b. Extent to which water is polluted with organic compounds
- c. Amount of carbon monoxide inseparably combined with haemoglobin
- d. Amount of oxygen needed by green plants during night

7. The antibody that is first formed after infection is

- a. IgG
- b. **IgM**
- c. IgD
- d. IgE

8. Test used for AIDS is

- a. Widal test
- b. **ELISA**
- c. Agglutination
- d. CFT

9. The suitable assay method for antibiotics is

- a. Enzymatic assay
- b. Turbidometric assay
- c. **End point determination assay**
- d. Metabolic assay

10. Laminar airflow allows _____ movement of air.

- a. **Unidirectional**
- b. Nonunidirectional
- Combined
- Multidirectional

11. Negative control in the liquid dilution method is used for checking _____ of media.

- a. Compatibility
- b. **Sterility**
- c. Concentration
- d. Effect

12. Temperature used for hot air oven is

- a. 250 Degree Celsius for 1 hour
- b. 100 Degree Celsius for 1 hour
- c. **160 Degree Celsius for 1 hour**
- d. 120 Degree Celsius for 1 hour



13. Which of the following is a recommended method for sterilizing surgical instruments?

- a) Wiping with alcohol
- b) Cleaning with soap and water
- c) **Autoclaving**
- d) Soaking in disinfectant solution

14. All of the following statements are correct regarding the Biological Safety Cabinet in a microbiology laboratory, Except?

- a) Used while handling hazardous microorganisms
- b) Categorized into three classes (I, II and III)
- c) Consists of UV light, HEPA filters for sterilization
- d) **Standard Personal protective equipment (PPE) may not be required while using the cabinet**

15. Select all the common and effective methods that can help in reducing the highly transmissible waterborne infections like typhoid and cholera.

- a) **Boiling of the water**
- b) **Using chlorine for purification**
- c) Pasteurization process
- d) **Use of water filters**

16. Why is it necessary to wash the samples repeatedly?

- a. It is important to keep the lab wells clean
- b. **It is important to wash away the unbound antibodies.**
- c. It is important to wash away all bound and unbound antibodies from the wells
- d. Washing the wells is just solid lab practice

17. Which of the following stains is used to classify microorganisms based on their cell wall content?

- a. Capsular stain
- b. **Gram Stain**
- c. Spore Stain
- d. Methylene Blue

18. *E. coli* is one of the most common enteric bacteria isolated in urinary tract infections (UTIs) followed by the bacteria *Proteus mirabilis*.

All of the following are the cultural characteristics of *Proteus mirabilis*, EXCEPT?

- a) **Facultative aerobe**
- b) Urease positive
- c) Motile
- d) Citrate positive



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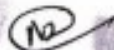


**CERTIFICATE
OF
APPRECIATION**

This is to certify that Jaspreet Kaur
of..... B.Sc. MLS has successfully completed Certificate course on
"INSTRUMENTATION TECHNIQUES IN CLINICAL MICROBIOLOGY",
organized by Department of Medical Lab Sciences, Khalsa College of Pharmacy and
Technology, Amritsar from 1st September 2018 to 8th October 2018.



Dr. Partapbir Singh
Convener



Dr. Narinder Kaur
Coordinator



Dr. R.K. Dhawan
Director

Ref No:



CERTIFICATE OF APPRECIATION

This is to certify that Ankita
of B.Sc. MLS has successfully completed Certificate course on
"INSTRUMENTATION TECHNIQUES IN CLINICAL MICROBIOLOGY",
organized by Department of Medical Lab Sciences, Khalsa College of Pharmacy and
Technology, Amritsar from 1st September 2018 to 8th October 2018.

Dr. Partapbir Singh
Convener

Dr. Narinder Kaur
Coordinator

Dr. R.K. Dhawan
Director

Certificate Course on 'Instrumentation Techniques in Clinical Microbiology'

COURSE CODE : KCPT-VAC02



DIRECTOR



Latitude: 31.635114
Longitude: 74.836082
Elevation: 233.88±1.27 m



Latitude: 31.635123
Longitude: 74.836429
Elevation: 233.54±1.05 m



KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Hands on Training on Fermentation Technology" From 2nd February to 16th March 2019.

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1 Fermentation process takes place in the

1. Presence of oxygen
2. presence of nitrogen
3. Presence of carbon
4. Absence of oxygen

Answer: 4

Q2 The least yield of ATP is observed can be observed in which of the following:

1. Fermentation
2. Aerobic respiration
3. Anaerobic respiration
4. Same in (a), (b), and (c)

Q3 Which of the following best describes a microbial control protocol that inhibits the growth of molds and yeast?

- a) Bacteriostatic
- b) Fungicidal
- c) Bactericidal
- d) Fungistatic

Answer: d

Q3. Which among the following do not possess the property of production of secondary metabolites?

1. Filamentous fungi
2. Filamentous bacteria
3. Enterobacteria
4. Sporing bacteria

Answer-3

Q4. Waste Sharps depends on

- a) Category 1
- b) Category 2
- c) Category 3

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d) Category 4

Answer: d

Q5. Which of the following should not be mixed with other wastes to avoid contamination?

- a) Tarry residue
- b) Oily sludge
- c) Animal waste
- d) Vegetable oil

Answer: c

Q6. Which product is not formed during fermentation

- 1. Lactate
- 2. Carbon dioxide
- 3. Ethanol
- 4. Oxygen

Answer: 4

Q7. Accidents are best prevented by

- a) The Health and Safety Executive
- b) Employers inspecting workplaces
- c) People being aware of hazards and working in a safe manner
- d) The Managing Director

Answer: c

Q8. What does PPE stand for?

- a) Protective Preventative Equipment
- b) Personal Preventative Equipment
- c) Personal Protective Equipment
- d) People's Protective Equipment

Answer: c

Q9 State whether secondary metabolites are useful?

- 1. True
- 2. False

Answer: 1

Which among the following is referred to as an upstream process?

- 1. Media formulation
- 2. Product purification
- 3. Product recovery
- 4. Cell lysis

Answer-1

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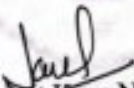


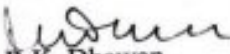


CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT ADITYA THAKUR OF B. PHARMACY
SEMESTER VI HAS SUCCESSFULLY COMPLETED CERTIFICATE
COURSE ON "HANDS ON TRAINING ON FERMENTATION TECHNOLOGY",
ORGANIZED BY KHALSA COLLEGE OF PHARMACY, AMRITSAR
FROM 2ND FEBRUARY TO 16TH MARCH 2019.


Mrs Juhí Kataria
Convener


Dr. Jasjeet Kaur Narang
Coordinator

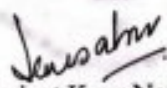

Dr. R.K. Dhawan
Director-Principal

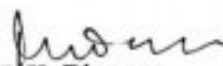


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PHARMACY SEMESTER VI HAS SUCCESSFULLY COMPLETED CERTIFICATE
COURSE ON "HANDS ON TRAINING ON FERMENTATION TECHNOLOGY",
ORGANIZED BY KHALSA COLLEGE OF PHARMACY, AMRITSAR
FROM 2ND FEBRUARY TO 16TH MARCH 2019.


Mrs Juli Kataria
Convener


Dr. Jasjeet Kaur Narang
Coordinator


Dr. R.K. Dhawan
Director-Principal

CERTIFICATE COURSE ON "HANDS ON TRAINING ON FERMENTATION TECHNOLOGY" [COURSE CODE KCP-VAC 03]



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POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Understanding of Plagiarism, Self-plagiarism and Ethical Practice of Writing in Academia" From 2nd February to 16th March 2019.

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1. The act of presenting someone else's work or idea as own is considered as

- a) Plagiarism
- b) Academic dishonesty
- c) Wrongful appropriation
- d) **All of these**

Q2. Do you think anti Plagiarism detection software is useable for

- 1. Avoiding plagiarism
- 2. **Getting a comparison or similarity index to check the originality of the assignment**
- 3. Added Features like instant feedback to help improve writing
- 4. Do not find useful for any of these

Q3. What is the first stage of a systematic review?

- a) Assess the relevance of each study to the research question(s)
- b) **Define the purpose and scope of the review**
- c) Appraise the quality of studies from the previous step
- d) Survey all of the literature contained within a single library

Q4. When accessing the internet, which of these steps is the most essential?

- a) Recording the full URL
- b) Noting the access dates
- c) **Downloading material to be referenced**
- d) They are all equally important

Q5. The Latin word which is understood as the origin of the word 'plagiarism' is

- a) **Plagiarius**
- b) Plagiurius
- c) Plugiarus
- d) Plagiarize


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Q6 There has been a steep rise in plagiarism due to

- a) Increase in publication growth
- b) Increase in enrollment for research work
- c) **Availability of digital documents**
- d) Use of computers in research

d) **Plagiarism is such an awful crime that those found guilty should be obliged to wear a scarlet "P" on their clothing**

Q7. What is the main role of research in education?

- a. To upsurge one's social status.
- b. To increase one's job prospects.
- c. To augment one's personal growth.
- d. **To help an applicant in becoming a renowned educationalist**

Q8. Which of the following features are considered as critical in qualitative research?

- a. Collecting data with the help of standardized research tools.
- b. Design sampling with probability sample techniques.
- c. **Collecting data with bottom-up empirical evidence.**
- d. Gathering data with top-down schematic evidence

Q9. Which one among the following statements is correct in context to research?

- a) Research refers to a series of systematic activity or activities undertaken to find out the solution to a problem.
- b) It is a systematic, logical and unbiased process wherein verification of hypotheses, data analysis, interpretation and formation of principles can be done.
- c) It is an intellectual inquiry or quest towards truth,
- d) It enhances knowledge.

Select the correct answer from the codes given below:

- a. **a), b), c) and d)**
- b. a), b) and c)
- c. b), c) and d)
- d. a), c) and d)

Q10. A _____ is placed within the text and includes the authors' last names and the publication year. A _____ is placed at the end of a paper and includes information on the authors, year, the title of the source, and publication data to prevent plagiarism and give proper citation to work referred.

- a) quotation; citation
- b) reference list; quotation
- c) **Citation; reference list**
- d) reference list; citation


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.....SEMESTER..VIII.....HAS SUCCESSFULLY COMPLETED CERTIFICATE
COURSE ON "UNDERSTANDING OF PLAGIARISM, SELF PLAGIARISM
AND ETHICAL PRACTICE OF WRITING IN ACADEMIA", ORGANIZED
BY...KHALSA...COLLEGE...OF PHARMACY, AMRITSAR.....FROM 2ND FEBRUARY
TO 16TH MARCH 2019.

Navneet
Dr Navneet Nagpal
Convener

Tajpreet
Dr. Tajpreet kaur
Coordinator

R.K. Dhawan
Dr. R.K. Dhawan
Director-Principal

"UNDERSTANDING OF PLAGIARISM, SELF-PLAGIARISM AND ETHICAL PRACTICE OF WRITING IN ACADEMIA" [COURSE CODE KCP-VAC 04]



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KHALSA COLLEGE OF PHARMACY
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KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION on "Hands on training on Conventional Dosage Design" from 22.7.2019 to 01.8.2019.

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1. _____ is the single stage device in extractor types.

- a) Mixer settler
- b) Sieve trays
- c) Agitator vessel
- d) Packed column

Q2. The substance to get mixed enters into the mixer through.

- a) Orifice
- b) Nozzle
- c) Orifice or nozzle
- d) None of the mentioned

Q3. The two liquids while mixing gets dispersed inside the mixer.


- a) True
- b) False

Q4 The substance used in fluidised bed is _____

- a) Same as Packed Bed
- b) Powdered Substance
- c) Large balls
- d) Finely divided Solid material

Q5. At fluidisation, the upward drag force is _____ the weight of the particles.

- a) Equal to
- b) Slightly higher than
- c) Less than
- d) Negligible to


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Q6 What should be the range of pH for Hypromellose capsules:

3.2-4.8

4.8-5.8

5.8-8.0

8.0-9.2

Q7. The points of interest for the development of a successful capsule dosage form are

Physical and chemical stability

Fill composition

Shell material

All of the above

Q8 The commonly used frequency range for ultrasonic testing is

(a) 5Hz-10Hz

(b) **10Hz-20Hz**

(c) 20kHz-10MHz

(d) 50MHz -100MHz

Q9. Within a given material, the speed of sound:

(a) Is constant

(b) **Decreases with the distance from the transducer**

(c) Increases with the distance from the transducer

(d) None of the above

Q10 The pressure drop in fluidised bed on fluidisation _____ with increasing flow rate.

a) **Remains same**

b) Linearly increases

c) Linearly decreases

d) Remains zero

[Signature]
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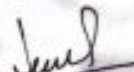





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THIS IS TO CERTIFY THAT ANMOL SHARMA OF B. PHARMACY
SEMESTER VII HAS SUCCESSFULLY COMPLETED CERTIFICATE
COURSE ON "HAND ON TRAINING ON CONVENTIONAL DOSAGE FORM
DESIGN", ORGANIZED BY KHALSA COLLEGE OF PHARMACY
AMRITSAR FROM 22ND JULY TO 1ST AUGUST 2019.


Dr. Varinder Soni
Convener


Dr. Jasjeet Kaur Narang
Coordinator


Dr. R.K. Dhawan
Principal
KHALSA COLLEGE OF PHARMACY
AMRITSAR



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.....SEMESTER VII..... HAS SUCCESSFULLY COMPLETED CERTIFICATE
COURSE ON "HAND ON TRAINING ON CONVENTIONAL DOSAGE FORM
DESIGN", ORGANIZED BY KHALSA COLLEGE OF PHARMACY,
AMRITSAR..... FROM 22ND JULY TO 1ST AUGUST 2019.

Dr. Varinder Soni
Convener

Dr. Jasjeet Kaur Narang
Coordinator

Dr. R.K. Dhawan
PRINCIPAL
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CERTIFICATE COURSE ON "HANDS ON TRAINING ON CONVENTIONAL
DOSAGE FORM DESIGN" [COURSE CODE KCP-VAC 05]



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Longitude: 74.836705
Elevation: 251.5885 m
Accuracy: 39.2 m
Azimuth: 266° (W)
Roll: -6.2° (1.1°)



Latitude: 31.635242
Longitude: 74.836522
Elevation: 252.58177 m
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Magnetic Orientation Program

Prin. Dr. [Signature]
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AMRITSAR



KHALSA COLLEGE OF PHARMACY AND TECHNOLOGY, ASR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON 'Hands on Training on Instruments used in Clinical Diagnostics' FROM 7th Sept 2019 to 14th Oct 2019.

Name of Student _____

Class/Semester _____

Reg.No. _____

Note ; Attempt all questions. Each question carry equal marks.

1. What is the role of goat anti-rabbit IgG horseradish peroxidase conjugate in the experiment?

- a) Antigen
- b) Primary antibody
- c) Secondary antibody
- d) Substrate

2. Why is it necessary to wash the samples repeatedly?

- a) It is important to keep the lab wells clean
- b) It is important to wash away the unbound antibodies
- c) It is important to wash away all bound and unbound antibodies from teh wells
- d) Washing the wells is just solid lab practice

3. You're assessing the patient's complete blood count (CBC). Which lab result below demonstrates leukopenia?*

- a. WBC 7000
- b. Platelets 90000
- c WBC 3000
- d. Platelets 500000

4. A patient's complete blood count (CBC) with differential shows an elevated Eosinophil count at 10%. As the nurse you know the Eosinophils _____ ?

- a. fight viral infections
- b. fight bacterial infections
- c. play a role in allergic reactions and parasitic infections
- d. play a role in clotting

5. . Which cams are used in the earlier modules of auto-analyzers to initiate and control sample aspiration and wash cycles?

- a. Electrical cams
- b. Digital cams
- c. Analog cams
- d. Mechanical cams

6.The three factors that control the conductivity of an electrolyte are:



- a. Specific gravity, density, and volume
 - b. Concentrations, the material in solution, and temperature
 - c. Color index, turbidity, and temperature
 - d. Hydrogen ion concentration, temperature, and pressure
7. Which of the following are electrochemical measurements?
- a. Humidity and density
 - b. Turbidity and differential vapor pressure
 - c. pH and ORP
 - d. Dew point and boiling point rise
8. Sample used for Platelet counting is :
- (A) serum
 - (B) plasma
 - (C) EDTA blood
 - (D) citrate blood
9. The reagent used in estimation of Glucose is:
- (A) urease
 - (B) hexokinase
 - (C) jaffe
 - (D) None of the above
10. Testing a refrigerated specimen that has not warmed to room temperature will adversely affect:
- (A) Enzymatic reactions
 - (B) Dye-binding reactions
 - (C) The sodium nitroprusside reaction
 - (D) Diazo reactions
11. What is the gauge of the needle commonly used for venipuncture?
- (A) 26
 - (B) 20
 - (C) 21
 - (D) 24
12. Testing a refrigerated specimen that has not warmed to room temperature will adversely affect:
- (A) Enzymatic reactions
 - (B) Dye-binding reactions
 - (C) The sodium nitroprusside reaction
 - (D) Diazo reactions
13. What is the role of goat anti-rabbit IgG horseradish peroxidase conjugate in the experiment?
- a) Antigen
 - b) Primary antibody
 - c) Secondary antibody
 - d) Substrat



14. Which clinical sample is used to diagnose hepatitis B?

- a. Liver Biopsy
- b. Blood
- c. faeces sample
- d. Throat Swab

15. U V Spectroscopy works on which principle?

- a) Absorption
- b) Elution
- c) Both
- d) None

16. Incubating a plate with antigen or antibody is known as _____.

- a. blocking
- b. coating
- c. sandwiching
- d. detection

17. Which of the following is correct?

- (a) Serum contains blood and fibrinogen
- (b) Plasma is blood without lymphocytes
- (c) Blood comprises plasma, RBC, WBC and platelets
- (d) Lymph is plasma with RBC and WBC

18. What is total laboratory automation?

- a. A specimen is tested on each type of instrument that the laboratory has in order to get consistent results
- b. A track system connects all aspects of the laboratory process, including the receiving of the specimen and the result
- c. A test is done on all types of specimens at the same time, which cuts down on the result time of tests
- d. A sample arrives at the laboratory and is separated into separate parts to be sent to a variety of tests

19. In the sampler, the range of the sample size is from _____

- a) 0.1 to 8.5 ml
- b) 1 to 8.5 ml
- c) 0.85 to 0.1 ml
- d) 8.5 to 10 ml



20. Which lab result on a patient's record from the complete blood count (CBC) represents thrombocytopenia?

- a. platelets 275000
- b. WBC 3000
- c. WBC 15000
- d. Platelets 80000





Ref No:

CERTIFICATE OF APPRECIATION

This is to certify that*Robin Singh*..... of *Bsc. MLS*.....

has successfully completed Certificate course on "HANDS-ON TRAINING ON INSTRUMENTS
USED IN CLINICAL DIAGNOSTICS", organized by Khalsa College of Pharmacy & Technology,

Amritsar from 7th September to 14th October 2019.

Ukataria

Mrs Juhi Kataria
Convener

N

Dr. Narinder Kaur
Coordinator

Dhawan

Dr. R.K. Dhawan
Director





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Jkataria

Mrs Juhi Kataria
Convener

NK

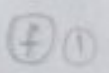
Dr. Narinder Kaur
Coordinator

R.K. Dhawan

Dr. R.K. Dhawan
Director



**CERTIFICATE COURSE ON
'HANDS ON TRAINING ON INSTRUMENTS USED IN
CLINICAL DIAGNOSTICS'
(KCPT-VAC06)**





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Longitude: 74.836416
Elevation: 236.61±6.00 m



Latitude: 31.635154
Longitude: 74.836490
Elevation: 235.16±18.71 m
Accuracy: 35.00 m



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Latitude: 31.634198
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Accuracy: 114.33 m



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Accuracy: 4.44 m



43



KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Skill Requirements to Write the Research Grant Proposal" From 18th January to 22nd February 2020.

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1 A research paper

- (A) is a compilation of information on a topic.
- (B) contains original research as deemed by the author.
- (C) contains peer-reviewed original research or evaluation of research conducted by others.
- (D) can be published in more than one journal.

Q2 Which statement describes the purpose of a research proposal?

- a) It is an overall plan, structure and strategy designed to obtain answers to the research question
- b) A document for scientific scrutiny for others to judge the appropriateness of the project
- c) A reference document to show how the research was carried out
- d) All of the above

Q3. Which of the following does not correspond to characteristics of research?

- a. Research is not passive
- b. Research is systematic
- c. Research is not a problem-oriented
- d. **Research is not a process**

Q4 A research proposal outlines the research process that is to be undertaken so that the _____ and appropriateness can be examined by others.

- a) Relevanc .
- b) Appearance
- c) **Validity**
- d) Authority

Q5. The proposal should start with _____.

- The proposed structure of the report
- A time frame of the proposed research
- **An overview of the main area under study.**
- Sampling technique

Q6. Which of the following statements about plagiarism is most accurate?

- a) It is so easy to "copy and paste" from the internet that everyone does it nowadays. If a proper reference is given, where is the harm in that?
- b) How can we say for sure where our own ideas come from exactly? If we tried to give a reference for everything we could never hope to succeed.
- c) Any suggestion that we have written what another actually wrote is morally wrong. Anyway, the whole point of a literature review is to show what we have read and what we thought about it.
- d) **Plagiarism is such an awful crime that those found guilty should be obliged to wear a scarlet "P" on their clothing**

Q7. What does a good thesis involve?

- a) Reducing punctuations as well as grammatical errors to minimalist
- b) Correct reference citations
- c) Consistency in the way of thesis writing
- d) Well defined abstract

Select the answers from the codes given below:

- a. b), c) and d)
- b. **a), b), c) and d)**
- c. a), b) and c)
- d. a), b) and d)

Q8. Which of the following features are considered as critical in qualitative research?

- a. Collecting data with the help of standardized research tools.
- b. Design sampling with probability sample techniques.
- c. **Collecting data with bottom-up empirical evidence.**
- d. Gathering data with top-down schematic evidence

Q9. Which sequence of research steps is logical in the list given below ?

- (1) Problem formulation, Analysis, Development of Research design, Hypothesis making, Collection of data, Arriving at generalizations and conclusions.
- (2) Development of Research design, Hypothesis making, Problem formulation, Data analysis, Arriving at conclusions and data collection.
- (3) **Problem formulation, Hypothesis making, Development of a Research design, Collection of data, Data analysis and formulation of generalizations and conclusions.**
- (4) Problem formulation, Deciding about the sample and data collection tools, Formulation of hypothesis, Collection and interpretation of research evidence.

Q10. Having provided a broad introduction to the area of study in the research proposal the focus should then move on to _____ in the next section.

- **Identify the issues that form the basis of the study and develop a rationale for the study**
- Identify and discuss any ethical consideration that may occur in the research
- Discuss the instrument and operationalize any variables that will be used
- Identify who makes up the sample and how it will be studied

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MUMBAI
15/11/2024

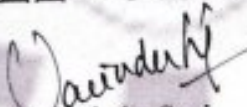




CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT ...AAKRITI...SURI.....OF B.PHARMACY..
...SEMESTER VIII..... HAS SUCCESSFULLY COMPLETED
CERTIFICATE COURSE ON "SKILL REQUIREMENTS TO
WRITE THE REASEARCH GRANT PROPOSAL", ORGANIZED
BY ..KHALSA...COLLEGE...OF...PHARMACY...AMRITSAR.....
FROM 18TH JANUARY TO 22ND FEBRUARY 2020.


Dr Gurneet Singh
Convener


Dr. Varinder Soni
Coordinator


Dr. R.K. Dhawan
PRINCIPAL
KHALSA COLLEGE OF PHARMACY
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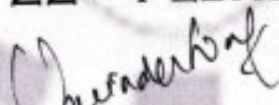


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.....SEMESTER VIII..... HAS SUCCESSFULLY COMPLETED
CERTIFICATE COURSE ON "SKILL REQUIREMENTS TO
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FROM 18TH JANUARY TO 22ND FEBRUARY 2020.


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Convener


Dr. Varinder Soni
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Dr. R.K. Dhawan
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KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Hazardous impact on environment and management of biomedical plastic waste" From 18th January to 22nd February 2020

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1 A client is being admitted to a medical unit with a diagnosis of tuberculosis. Which type of room should this client be assigned by the nurse?

- a) Private room
- b) Semiprivate room
- c) Room with windows that can be opened
- d) Negative airflow room.

Answer: d

Q2 EPA stands for

- a) Environmental Protection Agent
- b) Environmental Protection Agency
- c) Energy Problem Agency
- d) Energy Protection Agent

Answer: B

Q4. Waste Sharps depends on

- a) Category1
- b) Category2
- c) Category3
- d) Category4

Answer: d

Q5. Which of the following should not be mixed with other wastes to avoid contamination?

- a) Tarry residue
- b) Oily sludge
- c) Animal waste
- d) Vegetable oil

Answer: c

Q6. The OSHA HCS requires organizations to maintain

- a) Container label
- b) Temperature
- c) Ignition control
- d) All of the above

Answer: d

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Q7. Accidents are best prevented by

- a) The Health and Safety Executive
- b) Employers inspecting workplaces
- c) People being aware of hazards and working in a safe manner
- d) The Managing Director

Answer: c

Q8. What does PPE stand for?

- a) Protective Preventative Equipment
- b) Personal Preventative Equipment
- c) Personal Protective Equipment
- d) People's Protective Equipment

Answer: c

Q9 When working in areas where there is a potential for head injury from falling objects, you should _____.

- a) Ask a colleague to give you a heads up when an object is about to fall
- b) Appoint yourself a personal superhero to whisk you away from falling objects
- c) Wear head protection
- d) Look to the sky every 2 minutes for flying and falling objects

Answer: c

Q10 Which among the following is referred to as an upstream process?

- 1. Media formulation
- 2. Product purification
- 3. Product recovery
- 4. Cell lysis

Answer: 1

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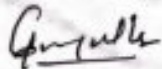


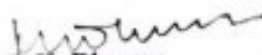
CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT HARMANDEEP SINGH.....OF B. PHARMACY
.....SEMESTER VI..... HAS SUCCESSFULLY COMPLETED
CERTIFICATE COURSE ON "HAZARDOUS IMPACT ON ENVIRONMENT &
MANAGEMENT OF BIOMEDICAL PLASTIC WASTE", ORGANIZED BY
.....KHALSA COLLEGE OF PHARMACY, AMRITSAR.....

FROM 18TH JANUARY TO 22TH FEBRUARY 2020.


Mrs Juhi Walia
Convener


Dr. Gurpreet Kaur
Coordinator


Dr. R.K. Dhawan
Director/Principal
KHALSA COLLEGE OF PHARMACY
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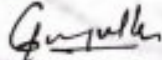




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SEMESTER VI HAS SUCCESSFULLY COMPLETED
CERTIFICATE COURSE ON "HAZARDOUS IMPACT ON ENVIRONMENT &
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KHALSA COLLEGE OF PHARMACY, AMRITSAR
FROM 18TH JANUARY TO 22TH FEBRUARY 2020.


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Dr. Gurpreet Kaur
Coordinator


Dr. R.K. Dhawan
PRINCIPAL
Director-Principal
KHALSA COLLEGE OF PHARMACY
AMRITSAR



deep kaur L...

Ps

Parabir Singh

Palakpreet Kaur

B

Bhupinder kaur

P

Pawandeep Kaur

uskan Gupta

A

Aashul Choudhary

G

Geetanjali Mehta

Anjali

Primaljit kaur

Harjot Singh

Aman Kumar



Anchal

Arpreet kaur

Diljot Singh

Prabhdeep Kaur



Karanbir Singh



Shaba Jahan

M

Manpreet kaur Manpr...

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Poonandeep Kaur



S

Simranjit Kaur Simran...



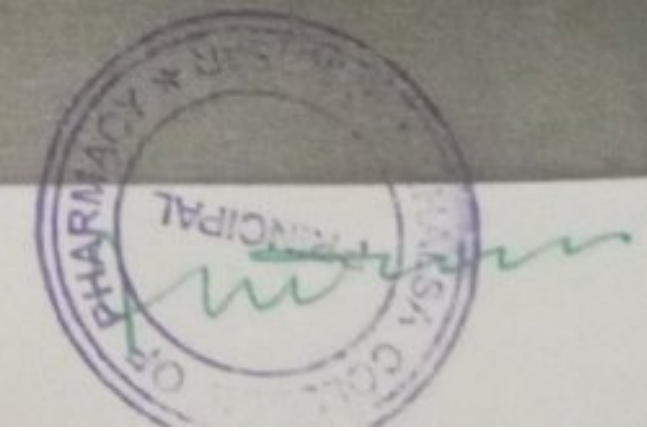
Gourav Sandhu

Harpreet kaur



Muskan Sharma(leet)

- Ps Parabir Singh
- Anchal
- DJ Diljot Singh
- AK Aman Kumar
- AS Amrita Singh
- A Anjali
- A Anchal Choudhary
- AK Arpreet Kaur
- B Bhupinder Kaur
- G Geetanjali Mehta
- Primaljit Singh
- Poonandeep Singh
- DJ Diljot Singh
- AK Aman Kumar
- HS Harpreet Singh
- MS Muskan Sharma



KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION on "Hands on training on dissolution testing and estimation of dissolution parameters" from 17.8.2020 to 27.8.2020.

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1. Which of the following are important parameters in the absorption of drug?

- a) dissolution
- b) permeation
- c) both of these
- d) none of these

Q2. Dissolution is the physicochemical process by which a solid substance enters the solvent phase to yield a solution and is a key prerequisite for any orally administered drug (as a solid dosage form) to be systemically effective.

- a) true
- b) false

Q3. Drug dissolution is a _____ process involving heterogeneous reactions at the solid-liquid interphase.

- a) single step
- b) multi step
- c) linear
- d) all of these

Q4 The mechanism of dissolution could be explained by

- a) reaction limited model
- b) diffusion-limited model


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c)both of these

d)none of these

Q5. Which of the following is the limiting step in drug dissolution according to Interfacial barrier model?

a)interfacial transport

b)diffusion

c)solubility

d)particle size

Q7. Disruption of fat globules into much smaller fat globules is defined as?

a) Standardization

b) Centrifugation

c) Homogenization

d) Chilling

Q8 Constantly renewed macroscopic packets of solvent, called eddy, reach the surface of the solid and absorb the molecule of the solute, delivering them to the bulk solution occurs according to which model?

a)Limited solvation theory

b)Danckwert model

c)Noyes-Whitney Relationship

d)Hixon-Crowell Cubic Root Law

Q9. In Diffusion-Limited Model or Film Theory the limiting step is

a) interfacial transport

b) diffusion

c)solubility

d) particle size

Q10 Hixon and Crowell modified the Noyes-Whitney equation to take into account the changing surface area.

a>true

b>false

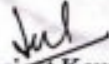

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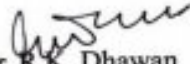


CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THATKARAN.....OF B:
.....PHARMACY, SEMESTER VII..... HAS SUCCESSFULLY COMPLETED
CERTIFICATE COURSE ON "HANDS ON TRAINING ON DISSOLUTION
TESTING AND ESTIMATION OF DISSOLUTION PARAMETERS",
ORGANIZED BY.....KHALSA COLLEGE OF PHARMACY, AMRITSAR.....
FROM 17TH AUGUST TO 27RD AUGUST 2020.


Dr. Varinder Soni
Convener


Dr. Jasjeet Kaur Narang
Coordinator


Dr. R.K. Dhawan
Director-Principal
KHALSA COLLEGE OF PHARMACY
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TESTING AND ESTIMATION OF DISSOLUTION PARAMETERS",
ORGANIZED BY.....KHALSA COLLEGE OF PHARMACY, AMRITSAR.....
FROM 17TH AUGUST TO 27RD AUGUST 2020.

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Convener

Dr. Jasjeet Kaur Narang

Coordinator

Dr. K.K. Dhawan

Director & Principal

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Zoom Meeting

Meeting ID: 123 456 789

Participants: 10

Meeting Controls

Video: On

Audio: On

Chat: Off

Share Screen: Off

Background: Default

More: ...

Meeting ID: 123 456 789

Meeting Name: Meeting 123 456 789

Meeting Controls

Video: On

Audio: On

Chat: Off

Share Screen: Off

Background: Default

More: ...

Meeting 123 456 789

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10/11/2023	11:00 AM	Online	In Progress
10/12/2023	12:00 PM	Online	Completed
10/13/2023	1:00 PM	Online	Completed
10/14/2023	2:00 PM	Online	Completed
10/15/2023	3:00 PM	Online	Completed
10/16/2023	4:00 PM	Online	Completed
10/17/2023	5:00 PM	Online	Completed
10/18/2023	6:00 PM	Online	Completed
10/19/2023	7:00 PM	Online	Completed
10/20/2023	8:00 PM	Online	Completed
10/21/2023	9:00 PM	Online	Completed

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You are screen sharing Stop Share

4 people entered the waiting room View

Layout Reset Section Slides Font B I U S abc AV Aa A Align Text Drawing Find Replace Select Editing



ONLINE CERTIFICATE COURSE
ON
HANDS ON TRAINING ON DISSOLUTION
TESTING AND ESTIMATION OF DISSOLUTION
PARAMETERS
ORGANIZED

BY
KHALSA COLLEGE OF PHARMACY, AMRITSAR

Chief Patron:
Dr. R.K. DHAWAN
 Director-Principal
 Khalsa College of Pharmacy, Amritsar

Coordinator:
 Dr Jasjeet Kaur Narang

Resource Person/ Convener:
 Dr Varinder Soni
 Dr Jasjeet Kaur Narang
 Dr Navneet Nagpal
 Mrs Parminderjit Kaur



DATE 17TH AUGUST TO 27TH AUGUST 2020

Contact No.
 7837221174
Email Id:
 khalsacop@gmail.com



DAY WISE SCHEDULE

Day Number	Date	Time	Topic	Name memb
	17.8.2020	1:00pm-5:00pm	Introduction into the concept of Dissolution and Theories of Dissolution	Dr Jasjeet Narang
I				
II	18.8.2020	1:00pm-5:00pm	Different Instruments used for dissolution testing as per IP and BP and difference	Dr Varinder Soni
III	19.8.2020	1:00pm-5:00pm	Different dissolution apparatus as per USP and their potential applications in evaluation of different formulations	Dr Navneet Nagpal
IV	20.8.2020	1:00pm-5:00pm	Dissolution parameters and kinetic models- Theoretical concepts	Mrs Parminderjit Kaur
V	21.8.2020	1:00pm-5:00pm	Hands on training on calculation of dissolution efficiency and interpretation of results	Dr Jasjeet Narang
VI	24.8.2020	1:00pm-5:00pm	Hands on training on calculation of similarity factor and interpretation of results	Dr Varinder Soni
VII	25.8.2020	1:00pm-5:00pm	Hands on training on calculation of dissimilarity factor and interpretation of results	Dr Navneet Nagpal
VIII	26.8.2020	1:00pm-5:00pm	Hands on training on calculation of release kinetics with interpretation of results	Mrs Parminderjit Kaur
IX	27.8.2020	2:00pm-5:00pm	Test (2:00pm-3:00pm)	

KHALSA COLLEGE OF PHARMACY AND TECHNOLOGY, ASR
POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON
'CLINICAL NUTRITION AND PUBLIC HEALTH' FROM 5th Sept. 2020 to
10th Oct 2020

Name of Student _____

Class/Semester _____

Reg.No. _____

Note ; Attempt all questions. Each question carry equal marks.

1. To overcome diabetes, a person can increase the intake of _____ and reduce the intake of _____
 - a) carbohydrates, proteins
 - b) proteins, fats
 - c) fats, carbohydrates
 - d) carbohydrates, fats
2. For a person suffering from problems like slow neural transmission, eg dementia, they should be given _____
 - a) Increased sodium
 - b) Increased potassium
 - c) Increased calcium
 - d) Increased magnesium
3. A person who is suffering from high blood pressure should cut down on _____
 - a) sodium
 - b) potassium
 - c) calcium
 - d) magnesium
4. In cases of muscle fatigue, which of the Vitamin should be taken?
 - a) A
 - b) D
 - c) E
 - d) K
5. Which Vitamin in large amounts harms the bones?
 - a) A
 - b) B
 - c) C
 - d) D
6. In cases of muscle fatigue, which of the Vitamin should be taken?
 - a) A
 - b) D
 - c) E
 - d) K
7. Which Vitamin in large amounts harms the bones?
 - a) A
 - b) B



- c) C
d) D
8. A child has presented with growth retardation, inability to walk and bruises all over the body. Which of the following nutrients should be recommended as a supplement to the diet?
- a) Milk
b) Egg yolk
c) Citrus fruits
d) Pulses
9. Which of the following has the highest glycemic index?
- a) Ice cream
b) Cucumber
c) Bread
d) Dextrose
10. All are true about milk as a diet except-
- a) It is low in iron content but rich in calcium, sodium and potassium
b) The major carbohydrate is lactose
c) The chief proteins are caseinogens and lactalbumin
d) It is rich in vitamin C and D but poor in Vitamin A and Riboflavin
11. In a child suffering from marasmus which of the following clinical manifestation is not observed?
- a) Watery diarrhea with acid stools
b) Subnormal temperature
c) Visible peristalsis from thin abdominal wall
d) Generalized edema
12. When the food is directly given in the veins, it is called _____ nutrition.
- a) Parenteral
b) Enteral
c) Intravenous
d) Saline
13. When food is given in the stomach or intestines directly then it is _____ nutrition.
- a) Intravenous
b) Saline
c) Enteral
d) Parenteral
14. What is the tool for the community oriented case?
- a. Evaluation
b. Survey
c. Community study
d. Community health nursing process
15. Which is the major cause of nutritional blindness in children usually between 1 - 3 years of age.



- a. Scurvy
- b. Keratomalacia
- c. Aneamia
- d. Dandruff

ANSWERS:

- 1. C
- 2. B
- 3. A
- 4. D
- 5. C
- 6. C
- 7. C
- 8. C
- 9. D
- 10. D
- 11. D
- 12. A
- 13. C
- 14. D
- 15. B





Ref No:

CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT Kirandeep Kaur
OF B.Sc. MLS HAS SUCCESSFULLY COMPLETED
CERTIFICATE COURSE ON "CLINICAL NUTRITION AND PUBLIC
HEALTH", ORGANIZED BY DEPARTMENT OF MEDICAL LAB SCIENCES,
KHALSA COLLEGE OF PHARMACY AND TECHNOLOGY, AMRITSAR FROM 5TH
SEPTEMBER TO 10TH OCTOBER, 2020.

Dr. Gurpreet Kaur Gill
Convener

Dr. Narinder Kaur
Coordinator

Dr. R.K. Dhawan
Director





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KHALSA COLLEGE OF PHARMACY AND TECHNOLOGY, AMRITSAR FROM 5TH
SEPTEMBER TO 10TH OCTOBER, 2020.

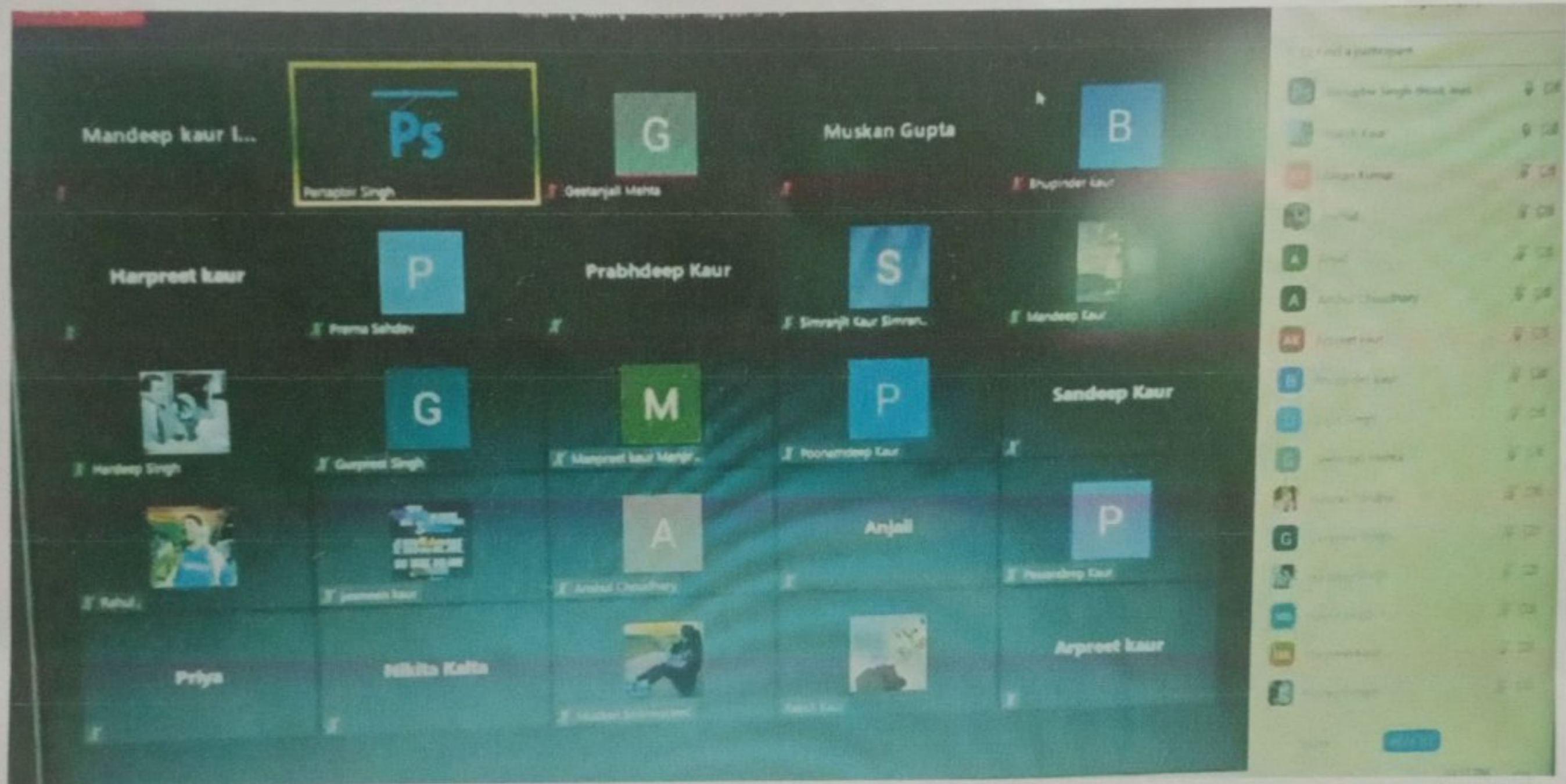
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Coordinator

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**CERTIFICATE COURSE ON
CLINICAL NUTRITION AND PUBLIC HEALTH
(KCPT-VAC10)**



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KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION ON "Life Saving Skills in Emergency Medical Situation"
starting from 29th August 2020

Q1 You are performing CPR on an adult victim. The second rescuer has arrived with the AED and turned it on. What is their next step?

- A) **Place the pads on the victim's bare chest**
- B) Place the pads over the victim's clothes
- C) Shock the victim
- D) Wait for advanced care to arrive before continuing use of the AED

Q2 What is the correct hand placement for compressions on an infant victim?

- A) **Use two fingers when performing compressions on an infant**
- B) Use 2 hands when performing compressions on an infant
- C) Do not give compressions on an infant
- D) Use one hand when performing compressions on an infant

Q3 You are giving CPR to a 5-year-old child. A second rescuer comes by and states they know CPR. What happens to your Compression to Breath ratio when you add the second rescuer?

- A) **It changes - 5 compressions to 1 breath**
- B) It changes - 30 compressions to 3 breaths
- C) It stays the same - 30 compressions to 2 breaths
- D) It changes - 15 compressions to 2 breaths

Q4 How should you open the airway of an unconscious casualty?

- A. Head tilt and chin lift.
- B. Jaw thrust.
- C. Head tilt and jaw thrust.
- D. Lift the chin.**

Q5 How long would you check to see if an unconscious casualty is breathing normally?

- A. No more than 10 seconds.
- B. Approximately 10 seconds.
- C. Exactly 10 seconds.**
- D. At least 10 seconds.

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Q6 Which test should you use if you suspect that a casualty has had a stroke?

- A. Face, Arms, Speech, Test.
- B. Alert, Voice, Pain, Unresponsive.
- C. Response, Airway, Breathing, Circulation.**
- D. Pulse, Respiratory Rate, Temperature

Q7 What is an open fracture?

- A. A fracture in which the bone ends can move around.
- B. A fracture in which the bone is exposed as the skin is broken.**
- C. A fracture which causes complications such as a punctured lung.
- D. A fracture in which the bone has bent and split.

Q8 What is a faint?

- A. A response to fear.
- B. An unexpected collapse.**
- C. A brief loss of consciousness.
- D. A sign of flu.

Q9 What steps would you take to control bleeding from a nosebleed?

- A. Sit casualty down, lean forward and pinch soft part of nose.
- B. Sit casualty down, lean backward and pinch soft part of nose.
- C. Lie casualty down and pinch soft part of nose.
- D. Lie casualty down and pinch top of nose.**

Q10 What names are given to the three different depths of burns?

- A. Small, medium and large.
- B. First, second and third degree.**
- C. Minor, medium and severe.
- D. Superficial, partial thickness, full thickness.

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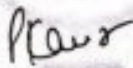


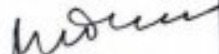


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NOVEMBER 2020.


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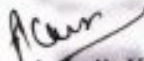




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POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Importance of Hospital Waste Management and its Disposal Tips" From 16th January to 20th February 2021

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1. Which of these is not a biomedical waste?

- a) Fumes
- b) Syringes
- c) Sharp
- d) Amputated body parts

Answer: a

Q2 What does the poor disposal of biomedical Waste cause?

- a) Infectious diseases
- b) Medical issues
- c) Allergies
- d) All of the above

Answer: d

Q3. Biomedical wastes are not infectious.

- a) True
- b) False

Answer: b

Q4. Waste Sharps depends on

- a) Category 1
- b) Category 2
- c) Category 3
- d) Category 4

Answer: d

Q5. Which of the following should not be mixed with other wastes to avoid contamination?

- a) Tarry residue
- b) Oily sludge
- c) Animal waste
- d) Vegetable oil

Answer: c

Q6. why should regular inspections of the workplace take place?

- a) To check whether the working environment is safe
- b) To check everyone is doing their job

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- c) To prepare for a visit from a HSE inspector
- d) To check that all staff are present and correct

Answer: a

Q7. Accidents are best prevented by

- a) The Health and Safety Executive
- b) Employers inspecting workplaces
- c) People being aware of hazards and working in a safe manner
- d) The Managing Director

Answer: c

Q8. What does PPE stand for?

- a) Protective Preventative Equipment
- b) Personal Preventative Equipment
- c) Personal Protective Equipment
- d) People's Protective Equipment

Answer: c

Q9 Which of the following words is used to correspond with the most toxic material?

- a) Caution
- b) Danger
- c) Hazard
- d) Warning

Answer: b

Q10 _____ is the process and policy of reducing the amount of waste produced by a person or a society.

- a) Waste minimization
- b) Land Filling
- c) Air Pollution
- d) Water Segregation

Answer: a

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WASTE MANAGEMENT AND ITS DISPOSAL TIPS",
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TO 20TH FEBRUARY 2021.

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POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Patent Drafting and Patent Filing of Inventions" From 16th January to 20th February 2021.

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1 Following person/persons are entitled to apply for patents

- A. A person claiming to be first inventor of the invention
- B. A Legal representative of the first inventor of the invention (If he deceased)
- C. Any person who is the assignee of the first inventor of the invention
- D. All of the above**

Q2. How long is a patent valid in India?

- A. 30 years
- B. 20 years
- C. 40 years
- D. 60 years

Answer – B. 20 years

Q3. Which of the following does not correspond to characteristics of research?

- a. Research is not passive
- b. Research is systematic
- c. Research is not a problem-oriented
- d. Research is not a process**

Q4. When accessing the internet, which of these steps is the most essential?

- a) Recording the full URL
- b) Noting the access dates
- c) Downloading material to be referenced**
- d) They are all equally important

Q5. What can be patented under Patent Act 1970?

- A. Playing a game
- B. An Invention
- C. A scheme
- D. an aesthetic creation

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Answer – B. An Invention

Q6. Which of the following statements about plagiarism is most accurate?

- a) It is so easy to "copy and paste" from the internet that everyone does it nowadays. If a proper reference is given, where is the harm in that?
- b) How can we say for sure where our own ideas come from exactly? If we tried to give a reference for everything we could never hope to succeed.
- c) Any suggestion that we have written what another actually wrote is morally wrong. Anyway, the whole point of a literature review is to show what we have read and what we thought about it.
- d) **Plagiarism is such an awful crime that those found guilty should be obliged to wear a scarlet "P" on their clothing**

Q7. What does a good thesis involve?

- a) Reducing punctuations as well as grammatical errors to minimalist
- b) Correct reference citations
- c) Consistency in the way of thesis writing
- d) Well defined abstract

Select the answers from the codes given below:

- a. b), c) and d)
- b. a), b), c) and d)
- c. a), b) and c)
- d. a), b) and d)

Q8. Which of the following features are considered as critical in qualitative research?

- a. Collecting data with the help of standardized research tools.
- b. Design sampling with probability sample techniques.
- c. **Collecting data with bottom-up empirical evidence.**
- d. Gathering data with top-down schematic evidence

Q9. Which sequence of research steps is logical in the list given below ?

- (1) Problem formulation, Analysis, Development of Research design, Hypothesis making, Collection of data, Arriving at generalizations and conclusions.
- (2) Development of Research design, Hypothesis making, Problem formulation, Data analysis, Arriving at conclusions and data collection.
- (3) **Problem formulation, Hypothesis making, Development of a Research design, Collection of data, Data analysis and formulation of generalizations and conclusions.**
- (4) Problem formulation, Deciding about the sample and data collection tools, Formulation of hypothesis, Collection and interpretation of research evidence.

Q10. which section of the patent act,1970 deals with the Falsification of entries in the register?

- A. section 100 of the patent act,1970
- B. section 110 of the patent act,1970
- C. section 109 of the patent act,1970
- D. **section 119 of the patent act,1970**

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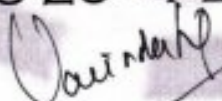




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FROM 16TH JANUARY TO 20TH FEBRUARY 2021


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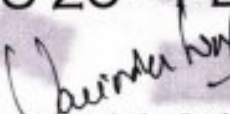


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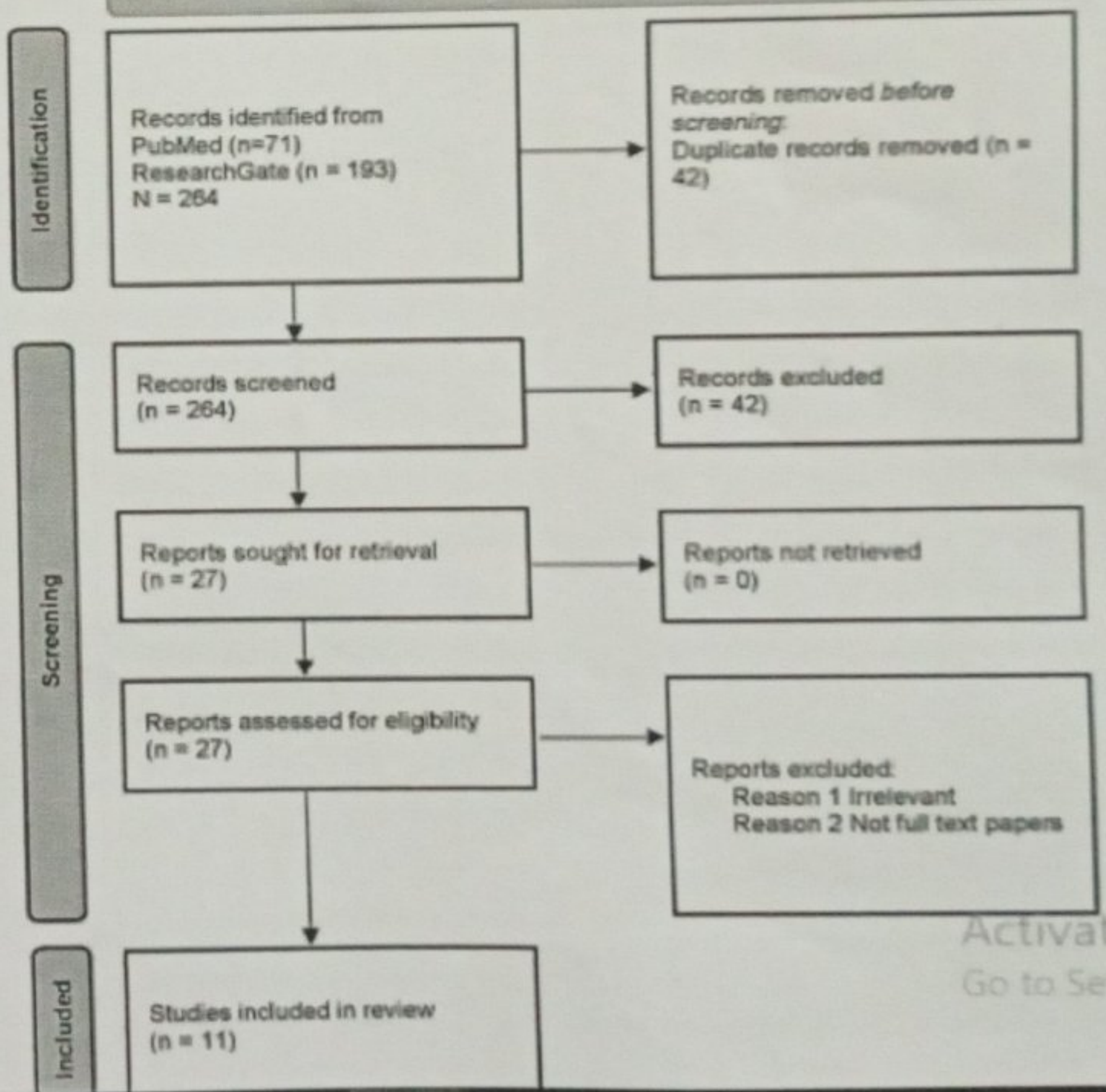

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POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Role of Value Education in Sustainable Development Goals" from 23rd January to 23th February 2021

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

Q1. What is the state of liking and a holistic and all-encompassing state of the mind that creates inner harmony?

- (a) Prosperity
- (b) **Happiness**
- (c) Innateness
- (d) Self-organized

2. What is called living with assumption for oneself as body and living of human being only on the basis of physical facilities, and not with right understanding and relationship?

- (a) Human Consciousness
- (b) Happiness
- (c) Right Understanding
- (d) **Animal Consciousness**

3. Five basic guidelines for value education are Universal, Natural and verifiable, all encompassing, leading to harmony and

- (a) **Self exploration**
- (b) Education
- (c) Right utilization
- (d) Rational

4. What are the basic desires of every human being for which they are working.

- (a) Physical facilities
- (b) Realization and understanding
- (c) Happiness and prosperity
- (d) **Continuous happiness and prosperity**

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5. When we participate in the larger order, this participation at different levels is known as our value. Values are outcome of

- (a) Prosperity
- (b) Happiness
- (c) Realization and understanding
- (d) **Self exploration**

6. Identify the solution which helps human being to transform from animal consciousness to human consciousness.

- (a) **Right understanding**
- (b) Realization
- (c) Value education
- (d) Physical facilities.

7. To maintain harmony we have to work at four levels of living .Identify second level of living.

- (a) Self
- (b) **Family**
- (c) Nature
- (d) Society

8. Self exploration is a process which helps us to find out "What I am and What I really want to be ".Two mechanisms involved in self -exploration are

- (a) Realization and understanding
- (b) Natural and verifiable
- (c) **Natural acceptance and experimental validation**
- (d) Correctable and identifiable

9. Self exploration uses two mechanisms

- (a) Natural acceptance and experiential validation
- (b) **Right Understanding and self-exploration**
- (c) Self investigation and self-exploration
- (d) Natural acceptance and self-investigation

10. Samridhi means

- A. Happiness
- B. Wealth
- C. **Prosperity**
- D. Health

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SUSTAINABLE DEVELOPMENT GOALS", ORGANIZED BY
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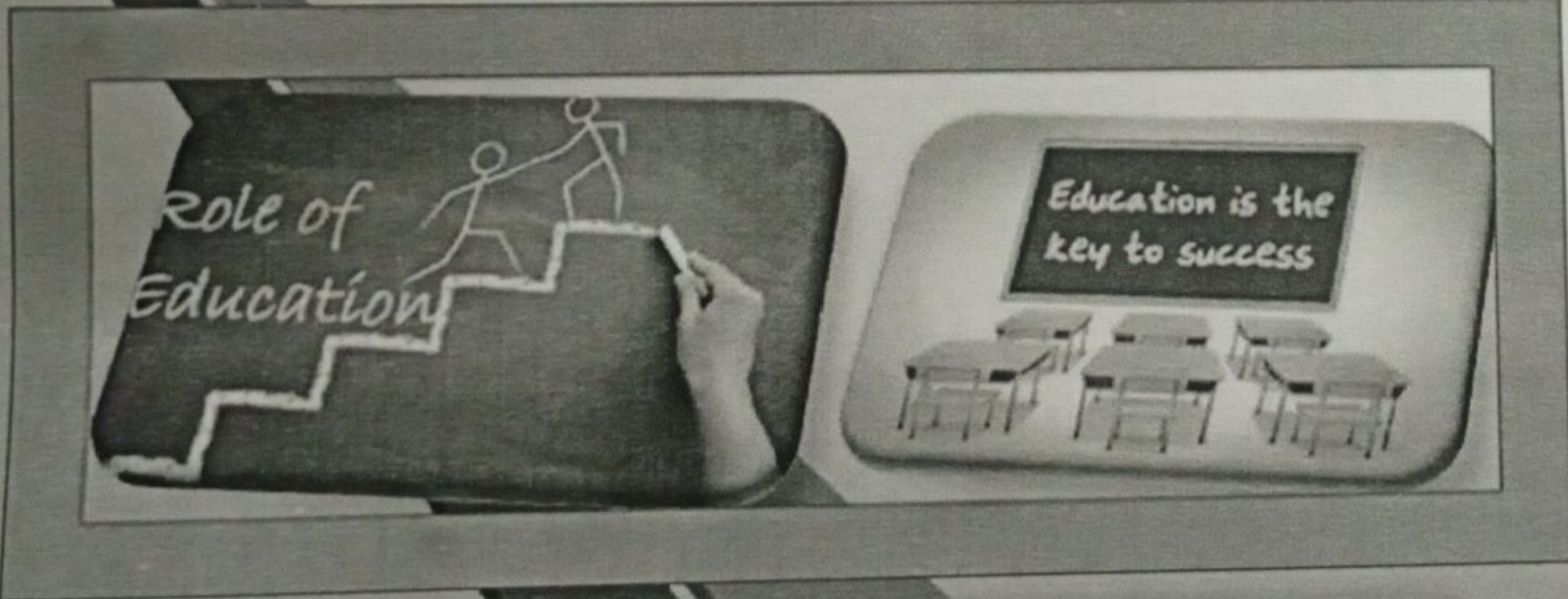
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ON ROLE OF VALUE EDUCATION IN SUSTAINABLE
DEVELOPMENT GOALS**

**ORGANIZED
BY
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- N Nitantika
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POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Startup Skills, Attitude & Behavior" From 7th August to 13th September 2021

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

Q1. The entrepreneur distinguished themselves from capital provider in

- a. Middle Ages
- b. 17th Century
- c. 18th Century
- d. 19th Century

Q2. Importance of Entrepreneurship includes _____

- a. Economic & dynamic activity
- b. Innovation & Profit potential
- c. Risk bearing
- d. All of these

Q3. The idea generation process of entrepreneurship are _____

- a. Germination
- b. Preparation
- c. Incubation
- d. All of these

Q4. Which of the following is not considered as one of the following blocks of the model entrepreneur?

- a. Technical skills
- b. Managerial competencies
- c. Business competencies
- d. Personal attributes

Q5. The application for registration of a small-scale unit should be submitted to _____

- a. General Manager, DIC
- b. Director, DIC
- c. General Manager, NSIC
- d. Director, NSIC

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Q6. Decisions taken by an entrepreneur on behalf of his enterprise are known as _____.

- a. Organizational decisions.
- b. Personal decisions.
- c. Routine decisions.
- d. Strategic decisions

Q7. The process of preparing an inventory of skills needed for effective implementation of the project is called as _____.

- a. Economic viability.
- b. Financial feasibility.
- c. Technical feasibility.
- d. Managerial competence.

Q8. National Alliance of Young Entrepreneurs (NAYE) Sponsored an Entrepreneurial Development scheme with Bank of India in _____.

- a. January 1920.
- b. August 1920.
- c. January 1972
- d. August 1972.

Q9. Which of the following is not one of the 4 Ms?

- a. motivation.
- b. management.
- c. materials.
- d. money.

Q10. The 'T' in a PESTLE analysis refers to _____.

- a. Time.
- b. Technology.
- c. Training.
- d. Talent.


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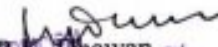


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POST TRAINING EVALUATION on "Advanced techniques in drug discovery and development"
" from 13.9.2021 to 23.9.2021

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1. The normal phase HPLC

- (a) the mobile phase is polar and the stationary phase is nonpolar
- (b) the mobile phase is nonpolar and the stationary phase is polar**
- (c) eluent strength is increased by adding a more polar solvent to the mobile phase
- (d) eluent strength is increased by adding a less polar solvent to the mobile phase

Q2 What is the approximate resolution between the first two peaks in the chromatogram shown below?

- (a) 10
- (b) 1
- (c) 2**
- (d) 0

Q3. Column efficiency is measured in terms of number of plates which is

- (a) inversely related to the square of the peak width**
- (b) directly related to the square of the peak width
- (c) inversely related to the cube root of the peak width
- (d) directly related to the square of the peak width

Q4 In a HPLC, a RI detector is a _____ detector and is limited to _____ elution.

- (a) universal, gradient
- (b) selective, gradient
- (c) selective, isocratic
- (d) universal, isocratic**

Q5. Flocculated suspension exhibit type of flow

- a) Plastic**
- b) Pseudoplastic

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- c) Dilatant
- d) pseudoternary

Q6. Name the scientist who invented Homogenization?

- a) Pasteur
- b) Rutherford
- c) Leuwenhoek
- d) **Gaulin**

Q7. Disruption of fat globules into much smaller fat globules is defined as?

- a) Standardization
- b) Centrifugation
- c) **Homogenization**
- d) Chilling

Q8 The commonly used frequency range for ultrasonic testing is

- (a) 5Hz-10Hz
- (b) 10Hz-20Hz
- (c) 20kHz-10MHz
- (d) 50MHz -100MHz

Q9. Greater depth of penetration in coarse grained material may be achieved using

- (a) More sweep delay
- (b) Higher frequencies
- (c) Less sweep delay
- (d) Lower frequencies

Q10 Why are rotary evaporators used in many synthetic labs?

They look sophisticated.

They reduce the probability of fires during the solvent removal.

They allow for the collection of the solvent which could be reused if desired.

They reduce the exposure of the experimenter to hazardous chemicals. They reduce the emission of hazardous chemicals into the environment


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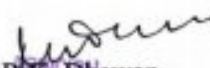


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FROM 13TH SEPTEMBER TO 23RD SEPTEMBER 2021.


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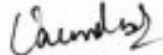

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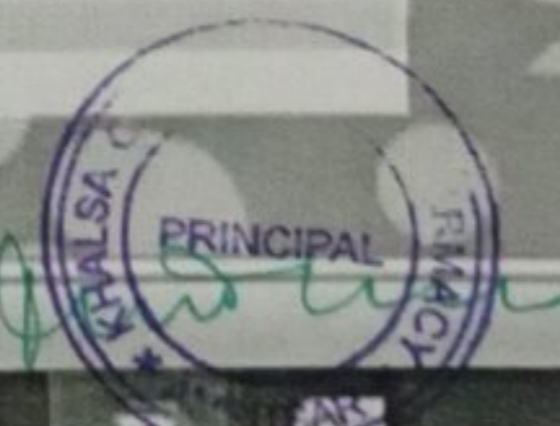
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Schedule for Certificate course on "Advanced Techniques in Drug Discovery and Development" from 13.9.2021 to 23.9.2021 from 9:00am to 1:00pm

Day Number	Date	Student Group No.	Topic	Name of Faculty member
I	13.9.2021	All students	Principle and applications of Probe sonicator	Dr Jasjeet Kaur Narang
II	14.9.2021	All students	Principle and applications of Rheometer	Mrs Parminderjit Kaur
III	15.9.2021	All students	Principle and applications of Rotavapor	Mr. Nishant Kumar
IV	16.9.2021	All students	Principle and applications of Homogenisor and HPLC	Dr Varinder Soni
V	17.9.2021	I	Practical Training of Probe sonicator	Dr Jasjeet Kaur Narang
		II	Practical Training of Rheometer	Mrs Parminderjit Kaur
		III	Practical Training of Rotavapor	Mr. Nishant Kumar
		IV	Practical Training of Homogenisor and HPLC	Dr Varinder Soni
VI	20.9.2021	I	Practical Training of Rheometer	Mrs Parminderjit Kaur
		II	Practical Training of Probe sonicator	Dr Jasjeet Kaur Narang
		III	Practical Training of Homogenisor and HPLC	Dr Varinder Soni
		IV	Practical Training of Rotavapor	Mr. Nishant Kumar
VII	21.9.2021	I	Practical Training of Homogenisor and HPLC	Dr Varinder Soni
		II	Practical Training of Rotavapor	Mr. Nishant Kumar
		III	Practical Training of Probe sonicator	Dr Jasjeet Kaur Narang
		IV	Practical Training of Rheometer	Mrs Parminderjit Kaur
VIII	22.9.2021	I	Practical Training of Rotavapor	Mr. Nishant Kumar
		II	Practical Training of Homogenisor and HPLC	Dr Varinder Soni
		III	Practical Training of Rheometer	Mrs Parminderjit Kaur
		IV	Practical Training of Probe sonicator	Dr Jasjeet Kaur Narang
IX	23.9.2021		Test (12:00pm-1:00pm) Valedictory Function (2:00pm-3:00pm)	

REGISTRATION FEE:
No registration fee will be charged

Contact No.
7837221174
Email Id:
khalsacop@gmail.com



KHALSA COLLEGE OF PHARMACY AND TECHNOLOGY, ASR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON
'MOLECULAR DAIGNOSTIC TECHNIQUES' FROM 4th Sept. 2021 to 16th
Oct 2021.

Name of Student _____

Class/Semester _____

Reg.No. _____

Note ; Attempt all questions. Each question carry equal marks.

1. A single strand of nucleic acid tagged with a radioactive molecule is called
 - a. Vector
 - b. selectable marker
 - c. plasmid
 - d. probe
2. A person with the hereditary disease can be cured with the help of _____
 - a) gene therapy
 - b) cloning
 - c) dialysis
 - d) chemotherapy
3. The inserted normal gene takes over the function of _____ gene.
 - a) correct
 - b) right
 - c) non-functional
 - d) functional
4. Low concentration of any pathogen can be detected by _____ of their nucleic acid.
 - a) cutting
 - b) amplification
 - c) joining
 - d) denaturation
5. Amplification of nucleic acid can be done with the help of _____
 - a) Centrifugation
 - b) RDT
 - c) ELISA
 - d) PCR
6. PCR is used to detect _____ in cancer patients.
 - a) fever
 - b) mutations
 - c) cold
 - d) cough



7. Autoradiography is used for the detection of _____
- a) cold
 - b) cancer**
 - c) fatigue
 - d) fever
8. By studying the effects of gene one can tell _____ role of a gene in the body.
- a) chemical
 - b) biological**
 - c) psychological
 - d) physiological
9. Attempts are being made to treat _____ using transgenic animals.
- a) emphysema
 - b) fatigue
 - c) phenylketonuria
 - d) fever
10. Most widely used animal for testing vaccine safety is _____
- a) mice
 - b) rabbits
 - c) pigs
 - d) monkeys**
11. _____ is the right granted by a government to an inventor to prevent others from the commercial use of his invention.
- a) Piracy
 - b) Ethics
 - c) Biosafety
 - d) Patents**
12. What is the level of the organization after the macromolecules?
- a) Polymer
 - b) Tissue
 - c) Cell**
 - d) Organ
13. ELISA is based on the principle of
- (a) A non-functional ADA
 - (b) A functional ADA cDNA
 - (c) antigen-antibody interaction.**
 - (d) Chain A and chain B
14. Molecular diagnosis are
- (a) ELISA
 - (b) PCR
 - (c) Recombinant DNA technology
 - (d) All the above**
15. Which method is now routinely used to detect HIV in suspected AIDS patients.
- (a) Adenosine deaminase deficiency (ADA)
 - (b) PCR**
 - (c) Eastern blot
 - (d) serum analysis



16. Very low concentration of a bacteria or a virus at a time when the symptom of the disease are not yet visible, can be detected by the amplification of the nucleic acid by

- (a) PCR
- (b) ELISA
- (c) SCID
- (d) DNA

17. Identify the most commonly used diagnostic technique in the virus laboratory:

- a. Virus isolation in cell culture
- b. Sequencing
- c RT-PCR
- d. Immuno serology

18. The function of β subunit of polymerase is

- a. Template binding
- b. Catalytic binding
- c. Promoter binding
- d. Cation binding

19. cDNA is synthesised from RNA by the enzyme

- a. DNA polymerase
- b. DNA synthetase
- c. DNA convertase
- d. Reverse transcriptase

20. Short strands of _____ primer are used in DNA replication.

- a. DNA
- b. RNA
- c. Histone
- d. Protein



CERTIFICATE COURSE ON MOLECULAR DIAGNOSTIC TECHNIQUES (KCPT-VAC17)

Close Participants (27)		Close Participants (30)	
Search		Search	
Partap Singh (me, host)		Partap Singh (me, host)	
Ritvik Sareen		Rahul sharma	
abhi12877@gmail.com		abhi12877@gmail.com	
Arsh Deep		Akash Saluriea	
Hargundeep singh		Arsh Deep	
Inderjeet Singh		Inderjeet Singh	
Jagroop Kaur		Irvan Gill	
Jatin Mahajan		Jagroop Kaur	
Jatinder Singh		Jatin Mahajan	
Komal Preet kaur		Jatinder Singh	
Labhjeet Dhillon		Jugraj Aulakh	
Chats	Invite Mute All Unmute All	Chats	Invite Mute All Unmute All

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KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION on "Techniques for Pharmacological Screening Of Pharmaceutical and Nutraceuticals" from 21st August to 30th October 2021.

Q1 Who makes the active components of medicines?

- a) Pharmacists
- b) Chemists**
- c) Doctors
- d) Pharmacologists

Q2 Which of the following statements best describes a lead compound?

- a) A compound that contains the element lead
- b) A compound from the research laboratory that is chosen to go forward for preclinical and clinical trials
- c) A molecule that shows some activity or property of interest and serves as the starting point for the development of a drug.**
- d) The first compound of a structural class of compounds to reach the market. f interest and serves as the starting point for the development of a drug.

Q3 Grapes are considered functional foods because they contain these substances:

- A. Proteins
- B. Carbohydrates
- C. Phytochemicals**
- D. None of the above

Q4 Which active non-nutrient is a common component of yoghurt?

- A. Fibre
- B. Probiotics**
- C. Antioxidants
- D. Phytochemicals

Q5 Bread which has been fortified with vitamins and minerals, is classified as which type of food?

- A. Organic**

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- B. Genetically modified
- C. Functional
- D. Specialised**

Q6 The members of the D.T.A.B. hold the office for a period of :

- A.3 years**
- B.1 years
- C.5 years
- D.7 years

Q7 Phytochemicals are of types.

- A.One
- B.Three
- C.Two
- D.Four**

Q8 Which of the following approach is considered under the 'Ligand based drug designing' ?

- a) Molecular docking**
- b) Pharmacophore modeling
- c) QSAR Modeling
- d) b and c both

Q9 Which one is the application of bioinformatics

- a) Design of primers
- b) Grouping of proteins into families
- c) Reconstructing genes from EST sequences
- d) All**

Q10 Lipinski's rule of five is used for

- a) Docking**
- b) Similarity search
- c) Drug likeness
- d) Dynamics simulation

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COURSE ON "TECHNIQUES IN PHARMACOLOGICAL SCREENING OF
PHARMACEUTICALS AND NUTRACEUTICALS", ORGANIZED BY
Khalsa College of Pharmacy, Amritsar
FROM 21ST AUGUST TO 30TH OCTOBER 2021.

Navneet
Dr Navneet Nagpal
Convener

Dr. Kamaldeep Kaur
Dr. Kamaldeep Kaur
Coordinator

Dr. R.K. Dhawan
Dr. R.K. Dhawan
PRINCIPAL
Director-Principal
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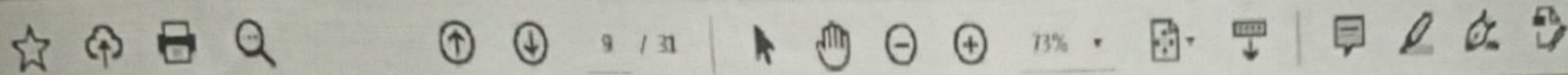
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Kaur
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Coordinator

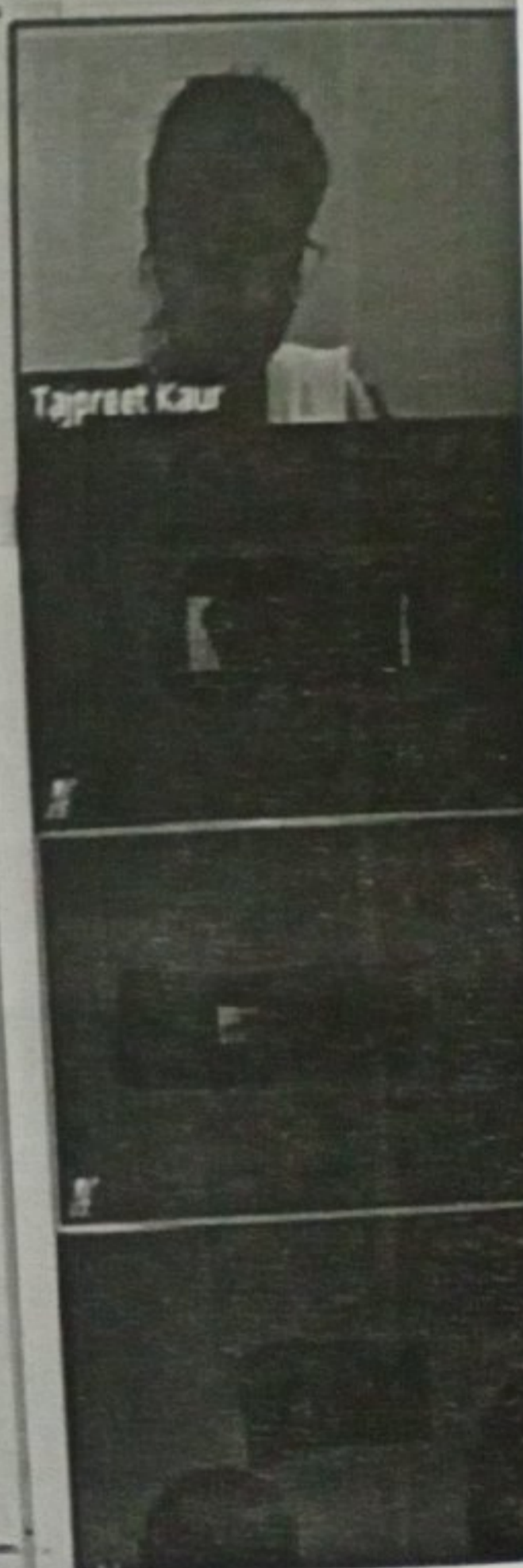
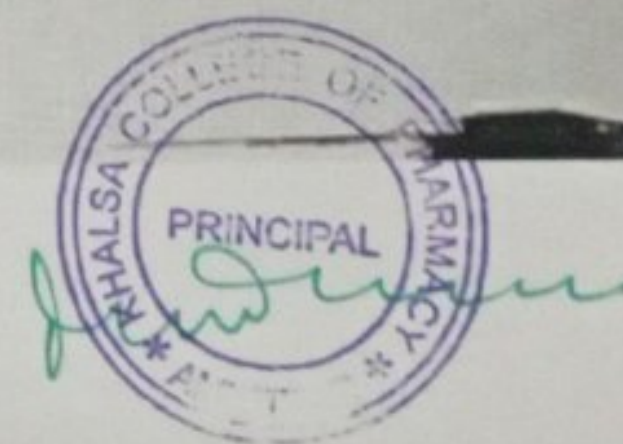
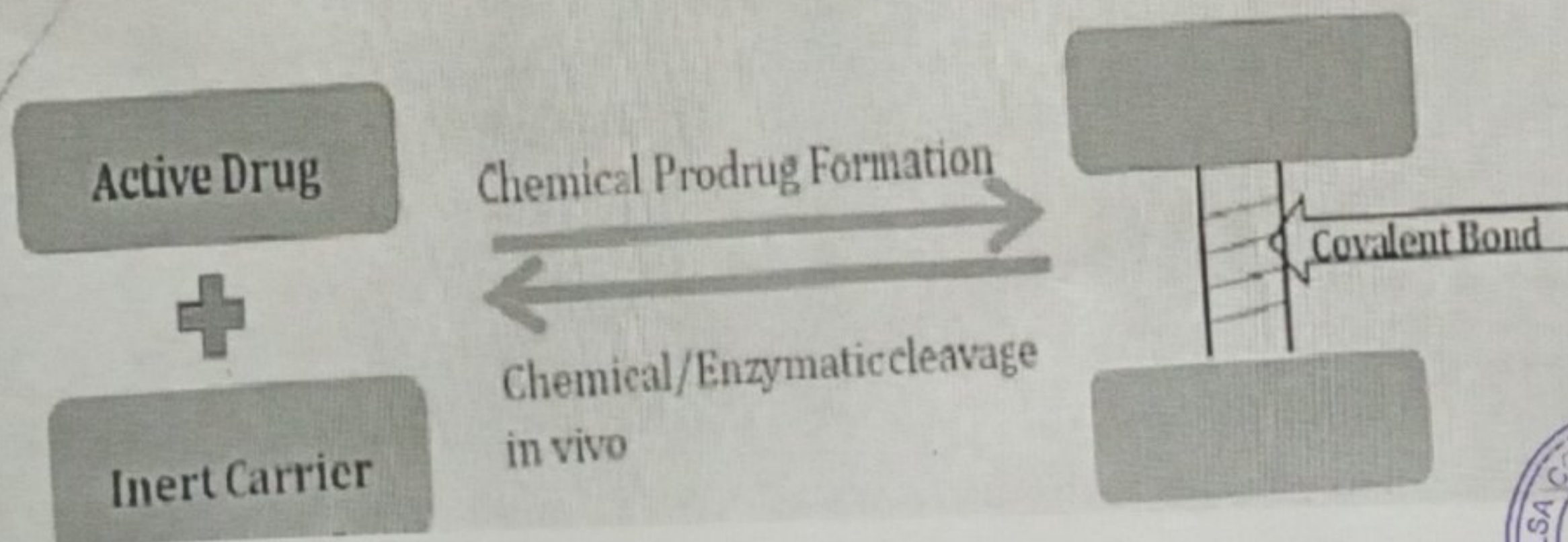
Dhawan
Dr. R.K. Dhawan
Director-Principal
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Carrier linked prodrug

- Carrier linked prodrug consists of the attachment of a carrier group to the active drug to alter its physicochemical properties.
- The subsequent enzymatic or non-enzymatic mechanism releases the active drug moiety.



KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Environmentally Sound Management of Medical Waste" From 19th February to 4th April 2022

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1. Which of the following area has the lowest chance of producing a biomedical waste?

- a) Hospitals
- b) Clinics
- c) Laboratories
- d) Agricultural lands

Answer: d

Q2. Which of the following is not a Biomedical waste?

- a) Animal waste
- b) Microbiological waste
- c) Chemical waste
- d) Domestic waste

Answer: d

Q3. Biomedical wastes are not infectious.

- a) True
- b) False

Answer: b

Q4. Which of the following is categorized as an incineration waste?

- a) Incineration ash
- b) Animal waste
- c) Solid waste
- d) Cytotoxic drugs

Answer: a

Q5. Which of the following should not be mixed with other wastes to avoid contamination?

- a) Tarry residue
- b) Oily sludge
- c) Animal waste
- d) Vegetable oil

Answer: c

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Q6. why should regular inspections of the workplace take place?

- a) To check whether the working environment is safe
- b) To check everyone is doing their job
- c) To prepare for a visit from a HSE inspector
- d) To check that all staff are present and correct

Answer: a

Q7. Accidents are best prevented by

- a) The Health and Safety Executive
- b) Employers inspecting workplaces
- c) People being aware of hazards and working in a safe manner
- d) The Managing Director

Answer: c

Q8. What does PPE stand for?

- a) Protective Preventative Equipment
- b) Personal Preventative Equipment
- c) Personal Protective Equipment
- d) People's Protective Equipment

Answer: c

Q9. What is the best way of dealing with a hazard to ensure others are not put at risk?

- a) Remove it immediately
- b) Leave it for others to sort out
- c) Place a barrier tape around it
- d) Display a notice or warning sign

Answer: a

Q10. □ What is the main objective of risk assessment?

- a) To evaluate hazard and minimize the risks
- b) Remediation of contaminated sites
- c) Hazard management
- d) To know source of pollutants

Answer: a


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Pharmacy 6th Semester HAS SUCCESSFULLY COMPLETED
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MANAGEMENT OF MEDICAL WASTE", ORGANIZED BY
Khalsa College of Pharmacy, Amritsar.....

FROM 19TH FEBRUARY TO 4TH APRIL 2022

Dr Gurpreet Kaur
Convener

Dr. Pratapbir Singh
Coordinator

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MANAGEMENT OF MEDICAL WASTE", ORGANIZED BY
Khalsa College of Pharmacy, Amritsar.....

FROM 19TH FEBRUARY TO 4TH APRIL 2022

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Convener

Dr. Pratapbir Singh
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CERTIFICATE COURSE ON "ENVIRONMENTALLY SOUND MANAGEMENT OF MEDICAL WASTE" [COURSE CODE KCP-VAC 19]



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Longitude: 74.836539
Elevation: 242.96±3.54 m

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DEPARTMENT OF PHARMACY
PRINCIPAL



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Latitude: 31.635074
Longitude: 74.836714
Elevation: 250.78±12 m
Accuracy: 15.0 m
Bearing: 127°(N)
Pitch: 11.1°(2.9°)



KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Qualitative and Quantitative Aspects to Write a Great Paper" From 19th February to 4th April 2022.

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1 The F-test:

- a. Is essentially a two-tailed test.
- b. Is essentially a one-tailed test.
- c. **Can be one-tailed as well as two-tailed depending on the hypotheses.**
- d. Can never be one tailed test.

Q2 Which of the sets of activities best indicate the cyclic nature of action research strategy ?

- (1) Reflect, Observe, Plan, Act
- (2) Observe, Act, Reflect, Plan
- (3) Act, Plan, Observe, Reflect
- (4) **Plan, Act, Observe, Reflect**

Q3. Which of the following does not correspond to characteristics of research?

- a. Research is not passive
- b. Research is systematic
- c. Research is not a problem-oriented
- d. **Research is not a process**

Q4. When accessing the internet, which of these steps is the most essential?

- a) Recording the full URL
- b) Noting the access dates
- c) **Downloading material to be referenced**
- d) They are all equally important

Q5. According to the Harvard referencing convention, which is the correct reference?

- a) Bryman, A. (2012, 4e) Social Research Methods, Oxford; Oxford University Press
- b) Bryman (2012, fourth edition), Oxford University Press
- c) Bryman, Alan, Social Research Methods (2012: OUP)
- d) **Bryman, A. Social Research Methods (2012)**

Q6. Which of the following statements about plagiarism is most accurate?

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- a) It is so easy to "copy and paste" from the internet that everyone does it nowadays. If a proper reference is given, where is the harm in that?
- b) How can we say for sure where our own ideas come from exactly? If we tried to give a reference for everything we could never hope to succeed.
- c) Any suggestion that we have written what another actually wrote is morally wrong. Anyway, the whole point of a literature review is to show what we have read and what we thought about it.
- d) **Plagiarism is such an awful crime that those found guilty should be obliged to wear a scarlet "P" on their clothing**

Q7. What does a good thesis involve?

- a) Reducing punctuations as well as grammatical errors to minimalist
- b) Correct reference citations
- c) Consistency in the way of thesis writing
- d) Well defined abstract

Select the answers from the codes given below:

- a. b), c) and d)
- b. **a), b), c) and d)**
- c. a), b) and c)
- d. a), b) and d)

Q8. Which of the following features are considered as critical in qualitative research?

- a. Collecting data with the help of standardized research tools.
- b. Design sampling with probability sample techniques.
- c. **Collecting data with bottom-up empirical evidence.**
- d. Gathering data with top-down schematic evidence

Q9. A research intends to explore the result of possible factors for the organization of effective mid-day meal interventions. Which research method will be most appropriate for this study?

- a. Descriptive survey method
- b. Historical method
- c. **Ex-post facto method**
- d. Experimental method

Q10. The main aim of the scientific method in the research field is to _____

- a. Improve data interpretation
- b. Confirm triangulation
- c. Introduce new variables
- d. **Eliminate spurious relations**

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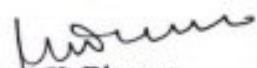


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Certificate course on "QUALITATIVE AND QUANTITATIVE
ASPECTS TO WRITE A GREAT PAPER", organized by
Khalsa College of Pharmacy, Amritsar
From 19th February to 4th April 2022.


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Convener


Dr. Jasjeet Kaur Narang
Coordinator


Dr. R.K. Dhawan
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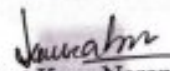


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Dr. Lakhvir Kaur
Convener

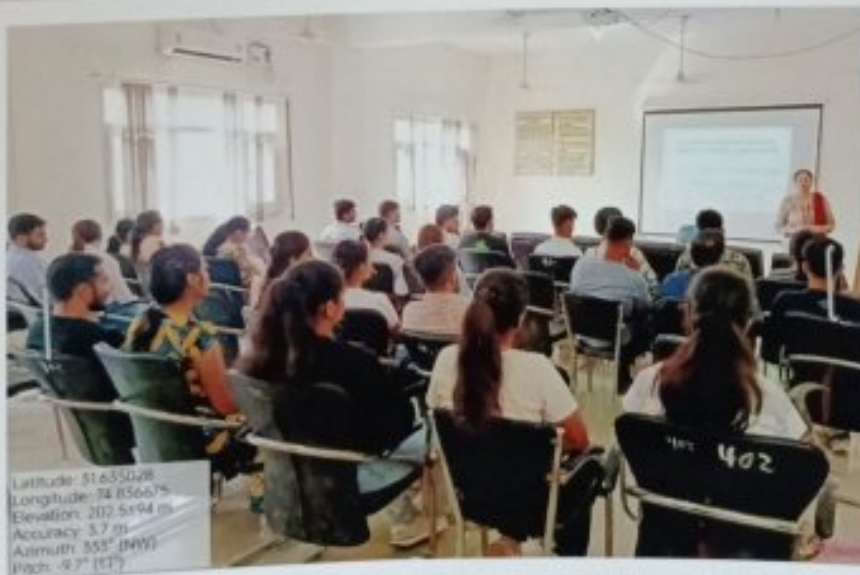

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"QUALITATIVE AND QUANTITATIVE ASPECTS TO WRITE A GREAT PAPER"
[COURSE CODE KCP-VAC 20]



Latitude: 31.635151
Longitude: 74.83666
Elevation: 251.58±2 m
Accuracy: 18.0 m
Zenith: 11° (N)
Pitch: -12.2° (E 17)
Dir: Seminar room



Latitude: 31.655028
Longitude: 74.836675
Elevation: 202.5±94 m
Accuracy: 3.7 m
Azimuth: 553° (NW)
Pitch: -9.7° (E7)

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2020



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POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Holistic approach of Integration of Value Education and Social Issues" From 19th February to 4th April 2022.

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark]

ANSWER KEY

Q1. The basic human aspiration is

- a) Happiness
- b) Health
- c) Money
- d) Relationship

Ans: (a)

Q2. Human body is combination of both

- a) Health and facility
- b) Money and happiness
- c) Self and body
- d) None of above

Ans:(c)

Q3. When life is controlled by external force is known as

- a) Suvidha
- b) Sanskara
- c) Partantra
- d) Production

Ans: (c)

Q4. In nature, happiness and harmony comes into existence due to

- a) Harmony and happiness
- b) Mutual Fulfillment
- c) Prosperity
- d) Continuity of happiness

Ans: (b)

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Q5. If something is acceptable without any force/energy/compulsion is known as

- a) Natural acceptance
- b) Human nature
- c) Fulfillment
- d) All of above

Ans: (a)

Q6. What are the outcomes of realization and understanding?

- e) Work
- f) Values
- g) Happiness
- h) Health

ANSWER: b

Q7 Samridhi means

- e) Happiness
- f) Wealth
- g) Prosperity
- h) Health

Answer: c

Q8 Self exploration uses two mechanisms

- (a) Natural acceptance and experiential validation
- (b) Right Understanding and self-exploration**
- (c) Self investigation and self-exploration
- (d) Natural acceptance and self-investigation

Q9 Harmonious life depends on which of the following levels of living

- a) Family, society, nature and self
- b) Society, family, plants and animals
- c) Self, wealth, harmony and happiness
- d) None of above

Answer: a

Q10 Disrespect is strictly on the basis of

- a) Right evaluation**
- b) Under evaluation
- c) Over evaluation
- d) None of above

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OF VALUE EDUCATION AND SOCIAL ISSUES", ORGANIZED BY
Khalsa College of Pharmacy, Amritsar.
FROM 19TH FEBRUARY TO 4TH APRIL 2022.

①

Mrs Pooja Sharma
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Mrs Parminderjit Kaur
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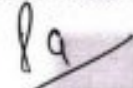




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.....*Khalsa College of Pharmacy, Amritsar*.....
FROM 19TH FEBRUARY TO 4TH APRIL 2022.


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Convener


Mrs Parminderjit Kaur
Coordinator


Dr. R. R. Dhawan
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CERTIFICATE COURSE ON "HOLISTIC APPROACH OF INTEGRATION OF
VALUE EDUCATION AND SOCIAL ISSUES" [COURSE CODE KCP-VAC 21]



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(i)



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POST TRAINING EVALUATION on "Medical Devices, Clinical Trials and Regulations in India"
from 27th August to 29th October 2022.

Q1 How many drugs can be imported under single Form 11 license?

- a. 20
- b. 5
- c. 10
- d. 15

Q2 The "Certificate of Suitability" as per EU guidelines is valid for..... years from the date when the original certificate was granted.

- a. 5
- b. 10
- c. 15
- d. 20

Q3 Where the medicinal product has already received a marketing authorization in a member states of EU at the time of application then the registration procedure is

- a. Decentralized procedure
- b. **Mutual Recognition procedure**
- c. Centralized procedure
- d. National procedure

Q4 Animal studies, clinical trials, bioavailability studies are part of which application process

- a. IND
- b. NDA
- c. ANDA
- d. BLA

Q5 A company wants to modify its device such that there is a major change to the fundamental scientific technology of the device. The FDA has published guidance on this technology, and special controls have been established. This change would be best filed as a(n):

- A. Special 510(k)
- B. Abbreviated 510(k)
- C. **Traditional 510(k)**
- D. PMA

Q6 Legally marketed device to which equivalence is drawn in a premarketing submission is known as the:

- A. Market comparator device

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- B. Placebo device
- C. **Predicate device**
- D. Substantially equivalent device

Q7 Which of the following is included in the "General Controls" provisions by FDA?

- A. FDA guidance documents
- B. Patient registries
- C. **Misbranding**
- D. Performance standards

Q8 During which phase of the medical device life cycle are clinical studies typically conducted to generate data to support premarket submissions?

- A. Feasibility
- B. Product Development
- C. **Product Validation**
- D. Product Verification

Q9 what device of class is ultrasound transducer

- a) Class-I
- b) **Class-II**
- c) Class-III
- d) Both a and b

Q10 What device of class is medicinal leeches


- a) Class-I
- b) Class-II
- c) Class-III
- d) **None of above**

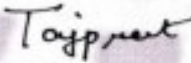
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.....*Khalsa College of Pharmacy, Amritsar*.....
FROM 27TH AUGUST TO 29ND OCTOBER 2022.


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Convener


Dr. Tajpreet Kaur
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CERTIFICATE COURSE ON "MEDICAL DEVICES, CLINICAL TRIALS AND REGULATIONS IN INDIA" [COURSE CODE KCP-VAC 22]



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Longitude: 74.836752
Elevation: 202.3±37 m
Accuracy: 3.6 m
Azimuth: 346° (N)
Pitch: -3.6°



Latitude: 31.635046
Longitude: 74.836671
Elevation: 206.3±100 m
Accuracy: 4.1 m
Azimuth: 24° (NE)
Pitch: -8.8° (1.5°)

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"Basics of Dynamic Light Scattering and Zeta Potential"

jointly organized by
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Anton Paar India Pvt. Ltd.

From: 1st AUGUST 2022 TO 5th AUGUST 2022

Presented by
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Anton Paar India Pvt. Ltd.
Gurugram, Haryana

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Khalsa College of Pharmacy
Amritsar, Punjab

Director
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KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Post COVID concept of Business Development" From 20th August to 27th September 2022

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

Q1. Which of these is not a type of entrepreneurship?

- a. Small business entrepreneurship
- b. Scalable entrepreneurship
- c. Large scale entrepreneurship
- d. Intrapreneurship

Q2. Which of these is not a challenge for the entrepreneur?

- a. Managing the cash flow of their business
- b. Recruiting new employees
- c. Choosing the product or service to sell in the market
- d. Formulating rules and regulations relating to conducting entrepreneurship in their country

Q3. Which among these is a money manager who is involved in making risk investments from equity capital with the objective of gaining better returns?

- a. Entrepreneur
- b. Businessperson
- c. Buyer
- d. Venture capitalist

Q4. The process of creating something new is called:

- a. Creative flexibility
- b. Management
- c. Business
- d. Innovation

Q5. Ownership position of less than 50 per cent in a business is known as:

- a. Majority Interest
- b. Joint Venture
- c. Minority Interest
- d. None of the above

Q6. Entrepreneurship Development Program is helpful for:

- a. First-generation entrepreneurs
- b. Future generation entrepreneurs
- c. Existing Entrepreneurs

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d. None of the above

Q7. These decisions are concerned with policy matters and they influence the goals and objectives of a business venture:

- a. Routine decisions
- b. Strategic decisions
- c. Organizational decisions
- d. Personal decisions

Q8. Trademarks relate to _____.

- a. Practice and knowledge acquired through experience
- b. The protection of proprietary information of commercial value
- c. The right to reproduce one's own original work
- d. Brand identity

Q9. Which of the following is the reason for business failure _____.

- a. Lack of market research.
- b. Poor financial control.
- c. Poor management.
- d. All the above.

Q10. Which of these statements best describes the context for entrepreneurship?

- a. Entrepreneurship takes place in small businesses.
- b. Entrepreneurship takes place in large businesses.
- c. Entrepreneurship takes place in a wide variety of contexts.
- d. Entrepreneurship does not take place in social enterprises.


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From 20th August to 27th September 2022.

Mr. Rajan Salwan
Convener

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Coordinator

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CERTIFICATE COURSE ON "POST-COVID CONCEPT OF BUSINESS DEVELOPMENT" [COURSE CODE KCP-VAC 24]



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KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION on "Evaluations techniques in pharmacy" from 5.9.2022 to 15.9.2022

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1. Resolving power of a microscope depends upon

- a. The focal length and aperture of the eye lens
- b. The focal length and objective of the eye lens
- c. The apertures of the objective and the eye lens
- d. The wavelength of light illuminating the object

Q2 What is the ratio of resolving power of an optical microscope for wavelengths $\lambda_1 = 4000 \text{ \AA}$ and $\lambda_2 = 6000 \text{ \AA}$?

- a. 2:3
- b. 3:2
- c. 6:25
- d. 16:9

Q3. Differentiation capacity of a compound microscope is

- a. $27.5 \mu\text{m}$
- b. $2.75 \mu\text{m}$
- c. $0.275 \mu\text{m}$
- d. None

Q4 Which of the following absorb IR radiation

- (A) Homonuclear diatomic molecule
- (B) Heteronuclear diatomic molecule
- (C) Both A and B
- (D) Diatomic molecules will not absorb IR

Q5. The solid samples are analysed in IR spectroscopic analysis by

- (A) Preparing a solution of analyte

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(B) Using a mulling agent

(C) Pyrolysis

(D) All of the above

Q6. What type of technique is FTIR spectroscopy?

- a. A dispersive technique?
- b. An emission technique
- c. An absorbance technique**
- d. A UV-Vis technique
- e. A reflectance technique

Q7. DSC technique is useful to determine

- a) Heat of fusion, melting point, glass transition temperature**
- b) Volatility
- c) Quantitative determination
- d) Qualitative analysis

Q8 The commonly used frequency range for ultrasonic testing is

- (a) 5Hz-10Hz
- (b) 10Hz-20Hz**
- (c) 20kHz-10MHz
- (d) 50MHz -100MHz

Q9. Within a given material, the speed of sound:

- (a) Is constant
- (b) Decreases with the distance from the transducer**
- (c) Increases with the distance from the transducer
- (d) None of the above

Q10 Which of the following used to determine the volatility of plasticizers


- a) DSC
- b) TGA**
- c) SEM
- d) TEM

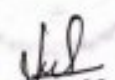

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Dr. Jasjeet Kaur Narang
Coordinator

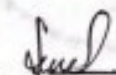

Dr. R.K. Dhawan
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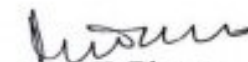


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CERTIFICATE COURSE ON "EVALUATION TECHNIQUES IN PHARMACY"
[COURSE CODE KCP-VAC 25]



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JALANDHAR

(M) 03

KHALSA COLLEGE OF PHARMACY AND TECHNOLOGY, ASR
POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON
'AUTOMATION IN CLINICAL BIOCHEMISTRY ANALYSIS' FROM 10th
Sept 2022 to 22nd Oct 2022

Name of Student _____

Class/Semester _____

Reg.No. _____

Note ; Attempt all questions. Each question carry equal marks

1. The type of automated analyzer in which the operator is able to use in-house reagents purchased from suppliers different from the suppliers different from the analyzer's manufacturer is referred to as :
 - a) Discrete-analyzer
 - b) Random-access analyzer
 - c) Open analyzer system
 - d) Closed analyzer system
2. An ion-selective electrode system for electrolyte analysis that uses a peristaltic pump to move liquid reagents and sample through a system of tubing is called a ----- analyzer.
 - a) Random access
 - b) Batch
 - c) Discrete
 - d) Continuous flow
3. The ratio of total billable tests to total technical full-time equivalents (FTE) is used to measure:
 - a) Productivity
 - b) Benchmarking
 - c) Fixed revenue
 - d) The diagnostic economy
4. Which of the methods below can be used to tell a robot what it is to do?
 - a) Walk-through
 - b) Set mechanical stops
 - c) Software program
 - d) Both (a) and (c)
5. An operating system:
 - a) Is required to run a microprocessor system
 - b) Provides a structure with which to develop application programs
 - c) Is useful because standard modules can be used
 - d) Both (b) and (c)
6. The two types of relays in a PC are:
 - a) An output relay and a control relay
 - b) A control relay and a retentive relay
 - c) A retentive relay and a non-retentive relay



- d) All of the above
7. VLSI (very large scale integrated circuits) logic:
- Will not be available in this decade
 - Means more costly electronic products in the future
 - Will result in lower cost, higher capability electronic equipment
 - None of the above
8. A display of a volume model that shows all of its edges is called a:
- Surface model
 - 3-D model
 - Wire-frame
 - Solid model
9. What is a process variable?
- A manipulated variable
 - A controlled variable
 - A process parameter that changes value
 - All of the above
10. The "end-effector" of a robot:
- Can be an actual tool
 - Is the robot "hand"
 - May have a gripping action
 - All of the above
11. The instrument used to measure the color intensity of a solution is:
- Auto analyzer
 - Colorimeter
 - Semi Autoanalyzer
12. Beer Lambert's law gives the relation between which of the following?
- Reflected radiation and concentration
 - Scattered radiation and concentration
 - Energy absorption and concentration
 - Energy absorption and reflected radiation
13. What is the unit of molar absorptivity or absorptivity which is used to determine absorbance A in Beer Lambert's formula?
- $L \text{ mol}^{-1} \text{ cm}^{-1}$
 - $L \text{ gm}^{-1} \text{ cm}^{-1}$
 - Cm
 - No unit
14. Autoanalyser is used to estimate
- Biochemical substances present in body fluids
 - Ions present in nervous system
 - Nucleic acids in cells



d. Biochemicals in excretory products

ANSWERS:

1. C
2. D
3. A
4. D
5. D
6. A
7. C
8. C
9. D
10. D
11. B
12. C
13. A
14. A



Ref No:



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This is to certify that Meghna Graver of B.Sc.
MLS has successfully completed Certificate course on
"Automation in Clinical Biochemistry Analysis", organized by Department
of Medical Lab Sciences, Khalsa College of Pharmacy & Technology,
Amritsar from 10th September to 22nd October 2022.

Dr. Gurpreet Kaur Gill
Convener

Dr. Narinder Kaur
Coordinator

Dr. R.K. Dhawan
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Dr. Gurpreet Kaur Gill
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Dr. Narinder Kaur
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Certificate Course on 'Automation in Clinical Biochemistry Analysis'

COURSE CODE : (KCPT-VAC26)



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KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Publication in High Impact Journals and Reference Management" From 11th February to 1st April 2023.

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1. Why do you need to review the existing literature?

- a) To make sure you have a long list of references
- b) Because without it, you could never reach the required word-count
- c) **To find out what is already known about your area of interest**
- d) To help in your general studying

Q2. To read critically means:

- a) Taking an opposing point of view to the ideas and opinions expressed
- b) Skimming through the material because most of it is just padding
- c) **Evaluating what you read in terms of your own research questions**
- d) Being negative about something before you read it

Q3. What is the first stage of a systematic review?

- a) Assess the relevance of each study to the research question(s)
- b) **Define the purpose and scope of the review**
- c) Appraise the quality of studies from the previous step
- d) Survey all of the literature contained within a single library

Q4. When accessing the internet, which of these steps is the most essential?

- a) Recording the full URL
- b) Noting the access dates
- c) **Downloading material to be referenced**
- d) They are all equally important

Q5. According to the Harvard referencing convention, which is the correct reference?

- a) Bryman, A. (2012, 4e) Social Research Methods, Oxford; Oxford University Press
- b) **Bryman (2012, fourth edition), Oxford University Press**

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c) Bryman, Alan, Social Research Methods (2012: OUP)

d) **Bryman, A. Social Research Methods (2012)**

Q6. Which of the following statements about plagiarism is most accurate?

- a) It is so easy to "copy and paste" from the internet that everyone does it nowadays. If a proper reference is given, where is the harm in that?
- b) How can we say for sure where our own ideas come from exactly? If we tried to give a reference for everything we could never hope to succeed.
- c) Any suggestion that we have written what another actually wrote is morally wrong. Anyway, the whole point of a literature review is to show what we have read and what we thought about it.
- d) **Plagiarism is such an awful crime that those found guilty should be obliged to wear a scarlet "P" on their clothing**

Q7. What is the main role of research in education?

- a. To upsurge one's social status.
- b. To increase one's job prospects.
- c. To augment one's personal growth.
- d. **To help an applicant in becoming a renowned educationalist**

Q8. Which of the following features are considered as critical in qualitative research?

- a. Collecting data with the help of standardized research tools.
- b. Design sampling with probability sample techniques.
- c. **Collecting data with bottom-up empirical evidence.**
- d. Gathering data with top-down schematic evidence

Q9. A research intends to explore the result of possible factors for the organization of effective mid-day meal interventions. Which research method will be most appropriate for this study?

- a. Descriptive survey method
- b. Historical method
- c. **Ex-post facto method**
- d. Experimental method

Q10. The format of thesis writing is the same as in


- a. Writing of Seminar representation
- b. Preparation of research paper/article
- c. **A research dissertation**
- d. Presenting a workshop/conference paper


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JOURNALS AND REFERENCE MANAGEMENT", ORGANIZED
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FROM 11TH FEBRUARY TO 1ST APRIL 2023


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Convener


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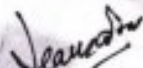


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Dr. Jasjeet Kaur Narang
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CERTIFICATE COURSE ON "PUBLICATION IN HIGH IMPACT JOURNALS
AND REFERENCE MANAGEMENT" [COURSE CODE KCP-VAC 27]



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KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Skill Development for Biomedical Waste Management and Microbiological Testing" From 11th February to 1st April 2023

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1. Genetically engineered microorganisms can treat biomedical wastes.

- a) True
- b) False

Answer: a

Q2. Which of the following can be used to produce marketable compost from dry solid wastes?

- a) Aerobic composting
- b) Vermicomposting
- c) Anaerobic digestion
- d) Anaerobic composting

Answer: a

Q3. Biomedical wastes are not infectious.

- a) True
- b) False

Answer: b

Q4. Which of the following can be used to treat wastes with simple organic matter with high water content?

- a) Vermicomposting
- b) Aerobic composting
- c) Incineration
- d) Anaerobic digestion

Answer: d

Q5. Which of the following should not be mixed with other wastes to avoid contamination?

- a) Tarry residue
- b) Oily sludge
- c) Animal waste
- d) Vegetable oil

Answer: c

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Q6. why should regular inspections of the workplace take place?

- a) To check whether the working environment is safe
- b) To check everyone is doing their job
- c) To prepare for a visit from a HSE inspector
- d) To check that all staff are present and correct

Answer: a

Q7. Accidents are best prevented by

- a) The Health and Safety Executive
- b) Employers inspecting workplaces
- c) People being aware of hazards and working in a safe manner
- d) The Managing Director

Answer: c

Q8. What does PPE stand for?

- a) Protective Preventative Equipment
- b) Personal Preventative Equipment
- c) Personal Protective Equipment
- d) People's Protective Equipment

Answer: c

Q9. The following is indirect cost of accident?

- a) Money paid for treatment of worker
- b) Compensation paid to worker
- c) Cost of lost time of injured worker
- d) All of the above

Answer: c

Q10. Which type of accident kills the most construction workers?

- a) Falling from height
- b) Being hit by a falling object
- c) Being run over by site transport
- d) Contact with electricity

Answer: a

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BIOMEDICAL WASTE MANAGEMENT AND
MICROBIOLOGICAL TESTING", ORGANIZED BY
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FROM 11TH FEBRUARY TO 1ST APRIL 2023.

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Convener

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Coordinator

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FROM 11TH FEBRUARY TO 1ST APRIL 2023.

Gurpreet Kaur

Dr Gurpreet Kaur
Convener

Pratapbir Singh

Dr. Pratapbir Singh
Coordinator

R.K. Dhanwan

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CERTIFICATE COURSE ON "SKILL DEVELOPMENT FOR BIOMEDICAL
WASTE MANAGEMENT AND MICROBIOLOGICAL TESTING"

[COURSE CODE KCP-VAC 28]



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KHALSA COLLEGE OF PHARMACY, AMRITSAR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON "Human Values and Professional Ethics" From 18th February to 4th April 2023

Name of Student

Branch

Class/Semester

[NOTE: Attempt all the questions. Each question carries one mark.]

ANSWER KEY

Q1. What is the state of liking and a holistic and all-encompassing state of the mind that creates inner harmony?

- (a) Prosperity
- (b) Happiness
- (c) Innateness
- (d) Self-organized

Answer: b

Q2. What is called living with assumption for oneself as body and living of human being only on the basis of physical facilities, and not with right understanding and relationship?

- (a) Human Consciousness
- (b) Happiness
- (c) Right Understanding
- (d) Animal Consciousness

Answer: d

Q3. Five basic guidelines for value education are Universal, Natural and verifiable, all encompassing, leading to harmony and

- (a) Self exploration
- (b) Education
- (c) Right utilization
- (d) Rational

Answer: d

Q4. What are the basic desires of every human being for which they are working.

- (a) Physical facilities
- (b) Realization and understanding

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- (c) Happiness and prosperity
- (d) Continuous happiness and prosperity

Answer: d

Q5. Identify the solution which helps human being to transform from animal consciousness to human consciousness.

- (a) Right understanding
- (b) Realization
- (c) Value education
- (d) Physical facilities

Answer: a

Q6. Self exploration is a process which helps us to find out "What I am and What I really want to be". Two mechanisms involved in self

-exploration are

- (a) Realization and understanding
- (b) Natural and verifiable
- (c) Natural acceptance and experimental validation
- (d) Correctable and identifiable

Answer: c

Q7. What is the third level of living?

- (a) Society
- (b) Individual
- (c) Family
- (d) Nature

Answer: a

Q8. The participation of human beings is seen in two forms

- a) Prosperity and Work
- b) Values and Understanding
- c) Behavior and Wealth
- d) Behavior and Work

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CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT Aashir Kaur OF B.
Pharmacy 2nd Sem HAS SUCCESSFULLY COMPLETED CERTIFICATE
COURSE ON "HUMAN VALUES AND PROFESSIONAL ETHICS",
ORGANIZED BY Khalsa College of Pharmacy, Amritsar FROM
18TH FEBRUARY TO 4TH APRIL 2023

Jasreen
Mrs Jasreen Uppal
Convener

Kavita
Dr. Kavita Bhagat
Coordinator

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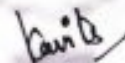






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Mrs Jasreen Uppal
Convener


Dr. Kavita Bhagat
Coordinator


Dr. R.K. Dhawan
Director-Principal




CERTIFICATE COURSE ON "HUMAN VALUES AND PROFESSIONAL ETHICS"
[COURSE CODE KCP-VAC 29]



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


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INSTRUMENT USED IN FORMULATION AND EVALUATION
OF DRUG DELIVERY SYSTEMS", ORGANIZED
BY.....KHALSA COLLEGE OF PHARMACY, AMRITSAR.....

FROM 14TH MARCH TO 13TH MAY 2023.


Dr. Lakhvir Kaur
Convener


Dr. Jasjeet Kaur Narang
Coordinator


Dr. R.K. Dhawan
Director-Principal






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CERTIFICATE COURSE ON "HANDS ON TRAINING ON INSTRUMENT USED IN FORMULATION AND EVALUATION OF DRUG DELIVERY SYSTEM" [COURSE CODE KCP-VAC 30]



Khalsa College of Pharmacy
Amritsar

KHALSA COLLEGE OF PHARMACY AND TECHNOLOGY, ASR

POST TRAINING EVALUATION FOR CERTIFICATE COURSE ON
'PHLEBOTOMY TECHNIQUES' FROM 11th Feb 2023 to 1st April 2023

Name of Student _____

Class/Semester _____

Reg.No. _____

Note ; Attempt all questions. Each question carry equal marks.

1. Phlebotomy means:
 - a) Cut into vessel
 - b) Vein
 - c) Arterial puncture
 - d) Study of blood drawing

2. Which phase of laboratory workflow is phlebotomy in?
 - a) Analytical
 - b) Pre-analytical
 - c) Post-analytical
 - d) Follow-up

3. Light blue-top tubes contain sodium citrate and are used to collect blood specimens for:
 - a) CBCs
 - b) Blood cultures
 - c) Coagulation studies (PT/INR)
 - d) Blood sugars

4. Light blue-top tubes contain sodium citrate and are used to collect blood specimens for:
 - a) CBCs
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5. Light blue-top tubes contain sodium citrate and are used to collect blood specimens for:
 - a) CBCs
 - b) Blood cultures
 - c) Coagulation studies (PT/INR)
 - d) Blood sugar



6. The forearm vein most commonly used for venipuncture is the:
- Median cubital
 - Basilic
 - Cephalic
 - Radial
7. Capillary blood collection would not be appropriate for which patient type?
- Patients who are extremely obese
 - Infants
 - Patients who are severely dehydrated
 - Patients with veins that are difficult to access
8. A patient reports an iodine allergy. To be safe, which of the following solutions would you avoid when cleansing his skin for a blood draw?
- Alcohol
 - Hibiclens
 - Chloraprep
 - Betadine
9. What is the maximum recommended puncture depth when performing a heel stick on an infants?
- 0.5 mm
 - 1 mm
 - 3 mm
 - 2 mm
10. You are doing a venipuncture on a patient's arm. Where should you place the tourniquet?
- Place it at the puncture site.
 - Place it below the puncture site.
 - Place it above the puncture site.
 - A tourniquet is not advised for this procedure.
11. Which of the following is identified by the acronym (CPD)?
- Cervical Positioning Device
 - Citrate Phosphate Dextrose
 - Citrate Potassium Dextrose
 - Citrate Potassium Disinfectant
12. Which of the following terms matches the definition: winged infusion set?
- hematoma
 - hub
 - sharps
 - butterfly needle



13. If you are trying to stop the bleeding from a needle stick, which of the following is the best technique?

- a) Indirect pressure
- b) Direct pressure
- c) Tourniquet
- d) Longitudinal pressure

14. Which is the correct order for drawing blood?

- a) Yellow, gray, lavender, tiger topped
- b) Tiger topped, lavender, gray
- c) Yellow, lavender, tiger
- d) None of the above

15. Gray topped tubes contain a chemical that

- a) Stops the action of insulin on glucose
- b) Prevents the blood from clotting
- c) Clots the blood faster
- d) Increases blood pressure

Answers:

- 1. A
- 2. B
- 3. C
- 4. D
- 5. A
- 6. D
- 7. C
- 8. D
- 9. D
- 10. B
- 11. B
- 12. D
- 13. B
- 14. A
- 15. B





Ref No:



CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT Rajwant Kaur
OF Bsc. MLS HAS SUCCESSFULLY COMPLETED
CERTIFICATE COURSE ON "PHLEBOTOMY TECHNIQUES", ORGANIZED
BY DEPARTMENT OF MEDICAL LAB SCIENCES, KHALSA COLLEGE OF
PHARMACY AND TECHNOLOGY, AMRITSAR FROM 11TH FEBRUARY TO 1ST
APRIL, 2023.

Dr. Gurpreet Kaur Gill
Convener

Dr. Narinder Kaur
Coordinator

Dr. R.K. Dhawan
Director





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CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT Akashdeep Singh
OF Bsc. MLS HAS SUCCESSFULLY COMPLETED
CERTIFICATE COURSE ON "PHLEBOTOMY TECHNIQUES", ORGANIZED
BY DEPARTMENT OF MEDICAL LAB SCIENCES, KHALSA COLLEGE OF
PHARMACY AND TECHNOLOGY, AMRITSAR FROM 1TH FEBRUARY TO 1ST
APRIL, 2023.

Dr. Gurpreet Kaur Gill
Convener

Dr. Narinder Kaur
Coordinator

Dr. R.K. Dhawan
Director



Certificate Course on 'Phlebotomy Techniques

COURSE CODE : KCPT-VAC32



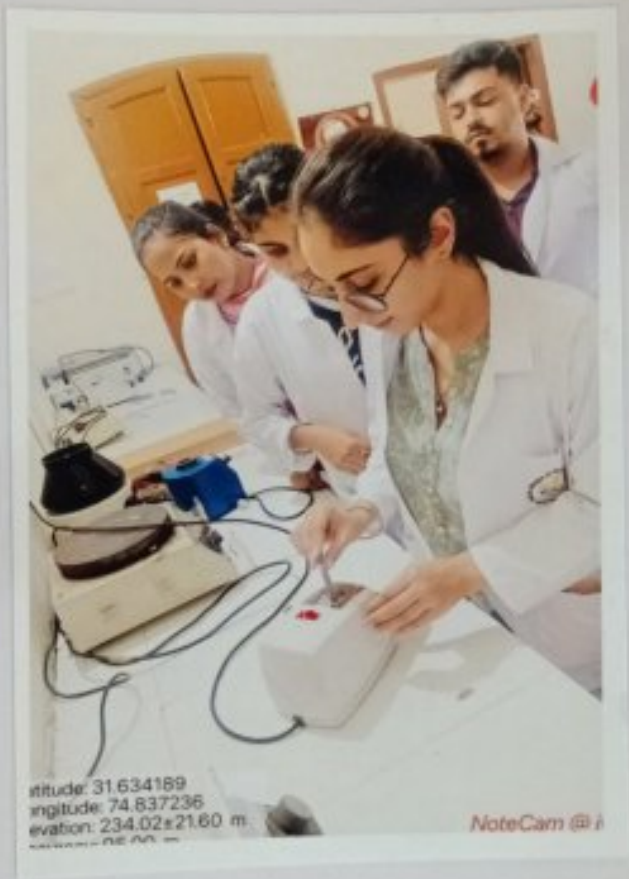
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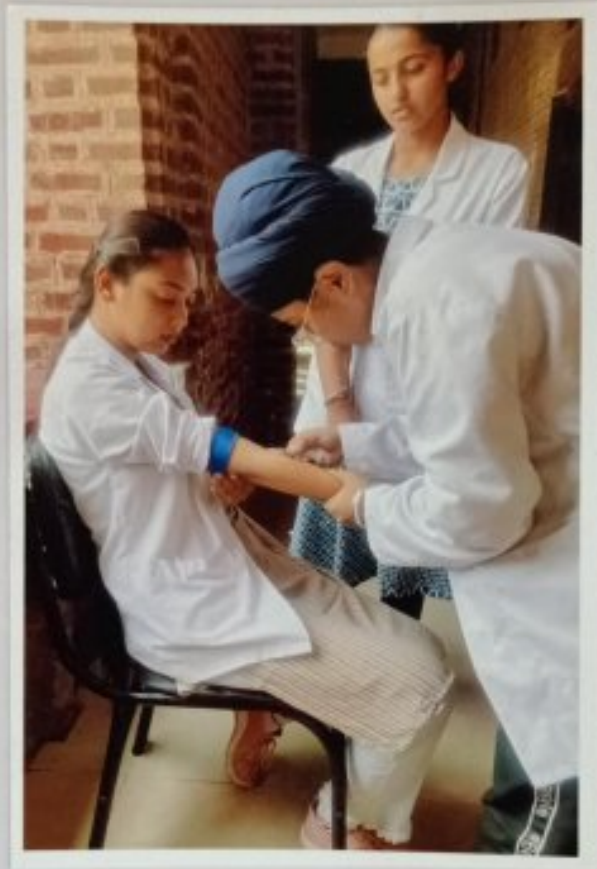




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