

ਬਾਬਾ ਫਰੀਦ ਯੂਨੀਵਰਸਿਟੀ ਆਫ ਹੈਲਥ ਸਾਇੰਸਜ਼, ਫਰੀਦਕੋਟ

ਮਿਤੀ 22/12/2024

ਜਨਤਕ ਨੋਟਿਸ

ਬਾਬਾ ਫਰੀਦ ਯੂਨੀਵਰਸਿਟੀ ਆਫ ਹੈਲਥ ਸਾਇੰਸਜ਼, ਫਰੀਦਕੋਟ ਵੱਲੋਂ **Written Test for recruitment to the posts of Anesthesia Technician, Health Visitor & Lab Attendant under Dr B.R. Ambedkar State Institute of Medical Sciences, Mohali** ਦੀ ਭਰਤੀ ਲਈ ਮਿਤੀ 22/12/2024 ਦਿਨ ਐਤਵਾਰ (Sunday) ਨੂੰ ਭਰਤੀ ਪ੍ਰੀਖਿਆ ਕੇਂਦਰ ਬਣਾ ਕੇ ਕਰਵਾਈ ਗਈ ਸੀ। ਇਸ ਪੇਪਰ ਦੀ Answer Key/Question Booklet ਯੂਨੀਵਰਸਿਟੀ ਦੀ ਵੈਬ ਸਾਈਟ www.bfuchs.ac.in ਤੇ ਅਪਲੋਡ ਕਰ ਦਿੱਤੀ ਗਈ ਹੈ, ਜੇਕਰ ਕਿਸੇ ਵੀ ਉਮੀਦਵਾਰ ਨੂੰ Answer Key ਸਬੰਧੀ ਕੋਈ ਇਤਰਾਜ਼ ਹੋਵੇ ਤਾਂ ਉਹ ਉਮੀਦਵਾਰ ਦਸਤੀ ਫੀਸ Rs. 500/- (Five Hundred only) Bank Demand Draft in favour of Registrar, BFUHS, Faridkot payable at Faridkot or Online fee (ਯੂਨੀਵਰਸਿਟੀ ਵੈਬਸਾਈਟ ਦੁਆਰਾ) ਭਰਨ ਉਪਰੰਤ ਰਸੀਦ ਨੱਥੀ ਕਰਕੇ ਭਰਤੀ ਸ਼ਾਖਾ, ਕਮਰਾ ਨੰਬਰ-102, ਬਾਬਾ ਫਰੀਦ ਯੂਨੀਵਰਸਿਟੀ ਆਫ ਹੈਲਥ ਸਾਇੰਸਜ਼, ਫਰੀਦਕੋਟ ਵਿੱਖੇ ਆਪਣਾ ਇਤਰਾਜ਼ ਮਿਤੀ 23/12/2024 (05:00 PM) ਤੱਕ ਜਮ੍ਹਾਂ ਕਰਵਾ ਸਕਦੇ ਹਨ। ਨਿਰਧਾਰਤ ਫੀਸ ਤੋਂ ਬਿਨ੍ਹਾ ਕੋਈ ਵੀ ਇਤਰਾਜ਼ ਵਿਚਾਰਿਆ ਨਹੀਂ ਜਾਵੇਗਾ।

ਉਪਰੋਕਤ ਦਿੱਤੇ ਗਏ ਸਮੇਂ ਤੇ ਬਾਅਦ ਵਿੱਚ ਪ੍ਰਾਪਤ ਹੋਏ ਇਤਰਾਜ਼ ਵਿਚਾਰੇ ਨਹੀਂ ਜਾਣਗੇ ਅਤੇ ਪ੍ਰਾਪਤ ਹੋਏ ਇਤਰਾਜ਼ ਦਾ ਨਿਪਟਾਰਾ ਕਰਨ ਤੋਂ ਬਾਅਦ ਉਪਰੋਕਤ ਪ੍ਰੀਖਿਆ ਦਾ ਨਤੀਜਾ ਘੋਸ਼ਿਤ ਕੀਤਾ ਜਾਵੇਗਾ।

ਨੋਟ: ਡਾਕ/ਈਮੇਲ ਰਾਹੀਂ ਪ੍ਰਾਪਤ ਹੋਏ ਇਤਰਾਜ਼ ਪ੍ਰਵਾਨ ਨਹੀਂ ਕੀਤੇ ਜਾਣਗੇ।

ਸਹੀ/-
ਰਜਿਸਟਰਾਰ

BABA FARID UNIVERSITY OF HEALTH SCIENCES, FARIDKOT

Anesthesia Technician (under Dr B.R. Ambedkar State Institute of Medical Sciences, Mohali)		
QUESTION BOOKLET NUMBER		IMPRESSION OF THE CANDIDATE
OMR ANSWER SHEET NUMBER		
ROLL NO:	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	FULL SIGNATURE OF THE CANDIDATE
Co-ordinator stamp		FULL SIGNATURE OF INVIGILATOR

Time Allowed: 1:00 Hour (11:00 AM to 12:00 Noon)

Maximum Marks: 50

1. Use BLACK FINE TIP BALL PEN only. Use of pencil is not allowed.
2. Write your Roll number on the OMR answer-sheet and also on the question-booklet only in the space provided for the purpose and at no other place in the question booklets and Answer-sheet
3. Enter the Question Booklet Set and Number on the OMR Answer-sheet and also darken the corresponding bubbles with BLACK FINE TIP BALL PEN.
4. Do not put any marks anywhere in the Question booklet /on the OMR Answer-sheet.
5. **There are 50 objective type questions in all of 1 Mark each.** Before attempting the questions, check that the Question-booklet is complete. In case any question/part of question or page is missing, inform the Centre Superintendent within 5 minutes of the start of the examination. After that no claim will be entertained.
6. **Each question is followed by four alternative responses listed as A), B), C) and D) out of which only one is correct / most correct. In case, all the ovals are left blank, there will be deduction of marks @ 0.25 mark for each such unattempted question. Fifth oval 'E' (introduced for security purpose) is to be darkened in case you do not want to attempt the question to avoid negative marking.**
7. To open the question booklet, remove the seal gently when asked to do so. Handover the OMR Answer-sheet to the officer on duty on the completion of the time before you leave the examination hall.
8. **The candidates are permitted to carry his/her question booklet after completion of the examination but OMR Sheets are compulsory required to be deposited with the invigilator.**
9. A candidate who create disturbance of any kind or changes his/her seat or is found in possession of any paper possibility of any assistance to him/her or unfair means will be expelled from the examination by the Centre superintendent/Observer, whose decision shall be final. ("Expulsion" for this purpose would mean cancellation of the entire examination of the candidate).
10. **THE CANDIDATES ARE NOT PERMITTED TO CARRY ANY TELECOMMUNICATION EQUIPMENT SUCH AS WATCH, CELLULAR PHONE, WIRELESS SET, SCANNER ETC. INSIDE THE EXAMINATION HALL.**
11. For rough work, use only the blank space of the Question booklet.
12. The candidates will not be allowed to leave the examination hall during the examination.
13. Borrowing any material is not allowed.
14. The answer-sheet is designed for Computer evaluation. If the instructions are not followed properly, the candidate alone shall be responsible for the resultant loss.
15. Smoking/Refreshment shall not be allowed in the Entrance Test Centre/Hall.
16. Male candidates shall affix their Left Thumb Impression (LTI) while Female candidates shall affix Right Thumb Impression (RTI) at the prescribed place on the OMR answer sheet, Question Booklet and attendance sheet. The Centre superintendent shall also obtain and retain it for record.
17. The candidate must fill both the question booklet number and OMR answer sheet number on the attendance sheet.
18. No candidate shall be allowed to leave the centre before **12:00 Noon.**

1. 21 years old spontaneous breathing patient undergoing incision and drainage under GA, which is the breathing circuit of choice?
 - a. Mapleson A
 - b. Mapleson B
 - c. Mapleson E
 - d. Mapleson F

2. An eye surgery was performed using propofol as intravenous agent and succinylcholine as muscle relaxant. Recovery from anesthesia was uneventful. However after 8 hours of surgery, patient complains of pain in the muscles. Which of the following is the likely reason for this condition?
 - a. Propofol
 - b. Due to surgery
 - c. Early mobilization
 - d. Succinylcholine

3. Which of the following drug is used in day care surgery ?
 - a. Ketamine
 - b. Propofol
 - c. Diazepam
 - d. Sodium thiopental

4. Which is the critical temperature of N2O –
 - a. 118°C
 - b. 88°C
 - c. 26°C
 - d. 36.5°C

5. Spinal anesthesia is given at which of the following levels:
 - a) L1-2
 - b) L2-4
 - c) Midline of thorax
 - d) Below L5 (caudal)

6. All of the following are example of definite airways except:
 - a) Nasotracheal tube
 - b) Orotracheal tube
 - c) Laryngeal mask airway
 - d) Cricothyroidotomy

7. Which of the following anaesthetic agents is contraindicated in hypertension?
 - a) Ketamine
 - b) Propofol
 - c) Etomidate
 - d) Diazepam

8. Lignocaine with adrenaline is contraindicated in?
 - a) Finger block
 - b) Spinal block
 - c) Epidural block
 - d) Regional anesthesia

9. A 40 year old female underwent surgery. Postoperatively she told the anesthetist that she was aware of preoperative events. Individual intraoperative awareness is evaluated by:
 - a) Pulse oximetry
 - b) Colour Doppler
 - c) Bispectral imaging
 - d) End tidal CO₂

10. Rise in end tidal CO₂ during thyroid surgery can be due to all except:
 - a) Anaphylaxis
 - b) Malignant hyperthermia
 - c) Thyroid storm
 - d) Neuroleptic malignant syndrome

11. A patient with Bilirubin value of 8mg/dl and serum creatinine of 1.9 mg/dl is planned for surgery. What is the muscle relaxant of choice in this patient
 - a) Vecuronium
 - b) Pancuronium
 - c) Atracurium
 - d) Rocuronium

12. A 27 year old female was brought to emergency department for acute abdominal pain following which she was shifted to the operation theatre for laparotomy . A speedy intubation was performed but after the intubation , breath sounds were observed to be decreased on the left side and a high end tidal CO₂ was recorded. The likely diagnosis is:
- Endotracheal tube blockage
 - Bronchospasm
 - Esophageal intubation
 - Endobronchial intubation
13. which one of the following is not an amide linked local anaesthetic:
- lignocaine
 - procaine
 - bupivacaine
 - dibucaine
14. Inducing agent of choice in asthma-
- Thiopentone
 - Methhexitone
 - Ketamine
 - Propofol
15. Most reliable indicator to prevent oesophageal intubation-
- Oxygen saturation on pulse oximeter
 - Measurement of CO₂ in exhaled air (Etco₂)
 - Direct visualization of passing tube beneath vocal cords
 - Auscultatio over chest
16. Which of the following skeletal muscle relaxants undergo Hoffman's elimination?
- Atracurium
 - Succinylcholine
 - Mivacurium
 - Vecuronium
17. Which of the following drugs produces dissociative anaesthesia-
- Ketamine
 - Propofol
 - Thiopentone
 - Enflurane
18. MAC stands for-
- Minimum alveolar concentration
 - Minimal analgesic concentration
 - Minimal anaesthetic concentration
 - Maximum alveolar concentration
19. Practice of anaesthesia has evolved from the first public demonstration of Ether anesthesia on 16th october 1846 by
- Joseph Priestley
 - John Snow
 - Horace Wells
 - WTG Morton
20. High spinal anaesthesia is associated with:
- Decreased BP and decreased heart rate
 - Increased BP and decreased heart rate
 - Increased BP and increased heart rate
 - Decreased BP and increased heart rate
21. EMLA constituent is-
- Lidocaine +Cocaine
 - Lidocaine +Prilocaine
 - Lidocaine+ Bupivacaine
 - Bupivacaine + Prilocaine
22. Which of the following anesthesia is safe in heart failure-
- Etomidate
 - Propofol
 - Thiopentone
 - Ketamine
23. All are contraindications of spinal anaesthesia Except-
- Bleeding disorder
 - Raised intracranial tension
 - Hypertension
 - Infection at injection site
24. MAC of desflurane is-
- 1.15
 - 2
 - 4
 - 6

25. Succinylcholine causes?
 a) Severe hyperkalemia
 b) Paraplegia
 c) Liver failure
 d) Renal failure
26. The cylinder size most commonly used on anesthesia machines and for patient transport is
 A. Size A
 B. Size C
 C. Size D
 D. Size E
27. What is the Colour coding of the bag in hospitals to dispose of human anatomical waste such as body parts?
 A. Yellow
 B. Black
 C. Red
 D. Blue
28. The high pressure system of the anesthesia machine includes
 A. The oxygen flush
 B. Flowmeters
 C. The pipeline inlet
 D. The hanger yokes
29. The oxygen flush valve
 A. Will deliver oxygen at between 30 and 60 L/minute
 B. Can be locked in the ON position
 C. May increase the pressure in vaporizers up to 200 cm H₂O when activated
 D. Must be protected against accidental activation
30. Hepatotoxic inhalational agent is:
 a) Halothane
 b) Enflurane
 c) Desflurane
 d) Sevoflurane
31. the main purpose of soda lime in the circle system is
 a) To increase O₂ concentration
 b) To prevent rebreathing of CO₂
 c) To increase CO₂ concentration
 d) All of the above
32. balanced general anaesthesia includes
 a) Skeletal muscle relaxant
 b) Loss of consciousness
 c) Analgesia
 d) All of the above
33. For foreign body causing sudden choking, most appropriate first line of management is?
 a. Tracheostomy
 b. Heimlich maneuver
 c. Airway insertion
 d. Laryngoscopy
34. ASA standard monitors include all expect
 a. Pulse oximeter b. CVP
 c. NIBP d. ECG
35. Compression depth in CPR in Adults is?
 a. 1 inch b. 2 inch
 c. 3 inch d. 4 inch
36. Vertebral Column consists of ----- number of vertebrae
 a. 34 b. 32
 c. 35 d. 33
37. Which of the following systems lacks a reservoir bag?
 a) Mapleson B
 b) Mapleson C
 c) Mapleson D
 d) Mapleson E
38. Which of the following is the most efficient during controlled ventilation?
 A. Mapleson A B. Mapleson B
 C. Mapleson C D. Mapleson D

39. Advantages of the Mapleson systems include all of the following except
- Buffering effect on end-tidal CO₂
 - Simple, inexpensive equipment
 - Useful in treating malignant hyperthermia
 - Lightweight
40. Where is spinal anesthesia administered?
- Epidural space
 - Subarachnoid space
 - Intrathecal space
 - Dural space
41. What is the main advantage of spinal anesthesia over general anesthesia?
- Faster recovery
 - Reduced risk of respiratory complications
 - Greater muscle relaxation
 - Longer duration of action
42. Which anatomical landmark is often used to identify the appropriate site for spinal anesthesia?
- Iliac crest
 - Xiphoid process
 - Pubic symphysis
 - Sternal notch
43. What is the most common approach for anesthesia in cesarean sections?
- General anesthesia
 - Epidural anesthesia
 - Spinal anesthesia
 - Local infiltration
44. What is the primary purpose of pre-oxygenation before intubation?
- To sedate the patient
 - To increase oxygen reserves in the body
 - To prevent aspiration
 - To ensure proper tube placement
45. Which intubation technique involves using a flexible scope to visualize the airway?
- Fiberoptic intubation
 - Video laryngoscopy
 - Direct laryngoscopy
 - Blind intubation
46. Which medication is commonly used as a paralytic agent during rapid sequence intubation?
- Atropine
 - Propofol
 - Succinylcholine
 - Midazolam
47. Which position is commonly used for intubation in patients with suspected cervical spine injuries?
- Head tilt-chin lift
 - Neutral position
 - Trendelenburg position
 - Lateral position
48. What is a "test dose" in the context of epidural anesthesia?
- A dose of local anesthetic used to confirm correct catheter placement
 - A dose given to test the patient's reaction to anesthesia
 - A dose used to prevent infection
 - A dose used to increase the duration of anesthesia
49. What is the role of the anesthesia machine's scavenging system?
- To collect and remove excess anesthetic gases from the operating room
 - To administer analgesics
 - To monitor the patient's temperature
 - To provide supplemental oxygen
50. What is the primary purpose of the "Oxygen flush valve" on an anesthesia machine?
- To provide a high flow of oxygen to rapidly increase the patient's oxygen levels
 - To flush out residual anesthetic gases from the machine
 - To regulate the flow of nitrous oxide
 - To control the vaporizer output

ANSWER KEY

Recruitment test conducted on 22/12/2024 for post of Anesthesia
Technician under Dr. B.R Ambedkar Institute of Medical Sciences,
Mohali

1	A		26	D
2	D		27	A
3	B		28	D
4	D		29	D
5	B		30	A
6	C		31	B
7	A		32	D
8	A		33	B
9	C		34	B
10	A		35	B
11	C		36	D
12	D		37	D
13	B		38	D
14	C		39	A
15	B		40	B
16	A		41	B
17	A		42	A
18	A		43	C
19	B		44	B
20	A		45	A
21	B		46	C
22	A		47	B
23	C		48	A
24	D		49	A
25	A		50	A

BABA FARID UNIVERSITY OF HEALTH SCIENCES, FARIDKOT

Health Visitor (under Dr B.R. Ambedkar State Institute of Medical Sciences, Mohali)									
QUESTION BOOKLET NO		IMPRESSION OF THE CANDIDATE							
OMR ANSWER SHEET NO									
ROLL NO:	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>								FULL SIGNATURE OF THE CANDIDATE
Co-ordinator stamp		FULL SIGNATURE OF INVIGILATOR							

Time Allowed: 1:00 Hour (11:00 AM to 12:00 Noon)

Maximum Marks: 50

1. Use **BLACK FINE TIP BALL PEN** only. Use of pencil is not allowed.
2. Write your Roll number on the OMR answer-sheet and also on the question-booklet only in the space provided for the purpose and at no other place in the question booklets and Answer-sheet
3. Enter the Question Booklet Set and Number on the OMR Answer-sheet and also darken the corresponding bubbles with **BLACK FINE TIP BALL PEN**.
4. Do not put any marks anywhere in the Question booklet /on the OMR Answer-sheet.
5. **There are 50 objective type questions in all of 1 Mark each.** Before attempting the questions, check that the Question-booklet is complete. In case any question/part of question or page is missing, inform the Centre Superintendent within 5 minutes of the start of the examination. After that no claim will be entertained.
6. **Each question is followed by four alternative responses listed as A), B), C) and D) out of which only one is correct / most correct. In case, all the ovals are left blank, there will be deduction of marks @ 0.25 mark for each such unattempted question. Fifth oval 'E' (introduced for security purpose) is to be darkened in case you do not want to attempt the question to avoid negative marking.**
7. To open the question booklet, remove the seal gently when asked to do so. Handover the OMR Answer-sheet to the officer on duty on the completion of the time before you leave the examination hall.
8. **The candidates are permitted to carry his/her question booklet after completion of the examination but OMR Sheets are compulsory required to be deposited with the invigilator.**
9. A candidate who create disturbance of any kind or changes his/her seat or is found in possession of any paper possibility of any assistance to him/her or unfair means will be expelled from the examination by the Centre superintendent/Observer, whose decision shall be final. ("Expulsion" for this purpose would mean cancellation of the entire examination of the candidate).
10. **THE CANDIDATES ARE NOT PERMITTED TO CARRY ANY TELECOMMUNICATION EQUIPMENT SUCH AS WATCH, CELLULAR PHONE, WIRELESS SET, SCANNER ETC. INSIDE THE EXAMINATION HALL.**
11. For rough work, use only the blank space of the Question booklet.
12. The candidates will not be allowed to leave the examination hall during the examination.
13. Borrowing any material is not allowed.
14. The answer-sheet is designed for Computer evaluation. If the instructions are not followed properly, the candidate alone shall be responsible for the resultant loss.
15. Smoking/Refreshment shall not be allowed in the Entrance Test Centre/Hall.
16. Male candidates shall affix their Left Thumb Impression (LTI) while Female candidates shall affix Right Thumb Impression (RTI) at the prescribed place on the OMR answer sheet, Question Booklet and attendance sheet. The Centre superintendent shall also obtain and retain it for record.
17. The candidate must fill both the question booklet number and OMR answer sheet number on the attendance sheet.
18. No candidate shall be allowed to leave the centre before **12:00 Noon**.

1. Case finding in RNTCP is based on
 - A. Sputum culture
 - B. Chest X ray
 - C. Sputum microscopy
 - D. Mantoux test
2. Research is
 - A. A Lab experiment
 - B. A report
 - C. A systematic enquiry
 - D. A procedure
3. A combination of medications which are applied to treat tuberculosis is
 - A. to generate a better response
 - B. to decrease the resistance of the entity to the treatment
 - C. both (a) and (b)
 - D. none of these
4. Important intervention to be performed by a nurse on a client who has delivered twins is
 - A. Assess fundal tone and lochia flow
 - B. Apply a cold pack to the perineal area
 - C. Administer analgesic as ordered
 - D. Encourage voiding by offering the bedpan
5. Term used for thinning and shortening of cervix just before and during labour
 - A. Ballottement
 - B. Dilatation
 - C. Effacement
 - D. Multiparous
6. Most commonly affected sensory organ in case of a schizophrenic client presenting with hallucinations is
 - A. Hearing
 - B. Smell
 - C. Touch
 - D. Vision
7. A person with complains ocular problem after consumption of anti tuberculin drugs, the drug that responsible
 - A. Ethambutol
 - B. Rifampicin
 - C. INH
 - D. Pyrazinamide
8. The best way of learning is
 - A. Learning by doing
 - B. Listening
 - C. Hearing
 - D. None of the above
9. Dyspnea, cough, expectoration, weakness and oedema are classical sign and symptoms of which of the following condition
 - A. Pericarditis
 - B. Heart failure
 - C. Hypertension
 - D. Myocardial infarction\
10. Supplemental medication most frequently ordered in conjunction with furosemide (Lasix) is
 - A. Sodium
 - B. Digoxin
 - C. Potassium
 - D. Chloride
11. Which of the following is not considered as a nutrient
 - A. Vitamins
 - B. Minerals
 - C. Water
 - D. Fat
12. The founder of modern nursing is
 - A. Imogene king
 - B. Florence Nightingale
 - C. Clara Barton
 - D. Dorthea Orem

13. The organ located in right lower quadrant is
- Trachea
 - Right lung
 - Appendix
 - Heart
14. The teaching aid which consists of a series of cards is
- Flannel graphs
 - Flash cards
 - Booklet
 - None of the above
15. Instructions to be observed when administering Mantoux test is
- Use the deltoid muscle
 - Rub the site to help absorption
 - Read the result within 48 to 72 hours
 - Read the results for checking of a rash
16. First aid management of spinal cord injury is
- Remove the patient in sitting position
 - Remove the casualty as a log piece
 - Provide the cold drinks for the casualty
 - None of the above
17. Screening of the diseases is which type of prevention?
- Primordial
 - Primary
 - Secondary
 - Tertiary
18. The type of patient care model most common for student nurses and private duty nurses is
- Total patient care
 - Case management
 - Team nursing
 - Secondary care model
19. The arteries that primarily feed the anterior wall of the heart is
- Circumflex artery
 - Internal mammary artery
 - Left anterior descending artery
 - Right coronary artery
20. SAFE strategy has been developed for the control of
- Trachoma
 - Ocular trauma
 - Refractive error
 - None of above
21. 10 days rule in health is related to
- Air quality
 - Sewage Disposal
 - Water quality
 - Radiation Protection in Pregnancy
22. Shakir's Tape is a useful method employed in the field to measure
- Chest circumference
 - Head circumference
 - Mid arm circumference
 - Birth weight
23. Pellagra is occurred due to deficiency of which Vitamin?
- Vitamin B3
 - Vitamin A
 - Vitamin B5
 - Vitamin B1
24. World Health Day is celebrated every year on
- January 12
 - April 7
 - May 12
 - December 1

25. Eligible Couple register is maintained at
 A. Sub center
 B. Primary health center
 C. Community health center
 D. District
26. Which colour- coded person is given first preference in disaster triage?
 A. Red
 B. Yellow
 C. Black
 D. Green
27. Aedes Aegypti Transmits which disease?
 A. Yellow fever
 B. Dengue
 C. Typhus
 D. Japanese encephalitis
28. An Initiative for Zero Preventable maternal and newborn deaths is
 A. Janani Shishu Suraksha Karyakram
 B. Navjat Shishu Suraksha Karyakram
 C. Surakshit Matritva Aashwasan scheme
 D. Pradhan Mantri Surakshit Matritva Abhiyan
29. Koplik spots are seen in
 A. Mumps
 B. Measles
 C. Diphtheria
 D. Tuberculosis
30. Killing power of disease is
 A. Secondary attack rate
 B. Infant mortality rate
 C. Case fatality rate
 D. Maternal mortality rate
31. full form of ASHA is
 A. Accredited social health agent
 B. Accredited society health agent
 C. Accredited social health activist
 D. Activist social health agent
32. Ideal candidate for IUCD insertion includes all except
 A. Willing to check the thread
 B. Have a normal menstrual cycle
 C. Who have a minimum of 2 children
 D. No history of PID
33. What is the frequency of taking census in India?
 A. Yearly once
 B. Once in 2 years
 C. Once in 5 years
 D. Once in 10 years
34. Which laboratory test helps to identify Gout?
 A. Phosphorus
 B. S. potassium
 C. Uric acid
 D. Sr. calcium
35. What is a chronic diffuse inflammatory and degeneration in the bone tissue is called?
 A. Ankylosing
 B. Rheumatoid arthritis
 C. Osteoarthritis
 D. Polyarthritis

36. Which of the following scale is used to measure the gestational age of the newborn?
- Ballard scale
 - APGAR scale
 - Mercury scale
 - FLACC scale
37. Which of the following condition is contraindicated to take oral temperature?
- Adolescent with fever
 - Adult with hypertension
 - Unconscious patient
 - Pregnant woman
38. Normal response of an individual to a loss of loved one is called
- Grief
 - Apathy
 - Depression
 - Psychosis
39. Which of the following layers is protecting the lungs?
- Pericardium
 - Pleura
 - Perimetrium
 - Endometrium
40. What is the cause of secondary PPH?
- Uterine atonicity
 - Retained placenta
 - Puerperal phase
 - Lactation process
41. Contraceptive of choice in heart disease is
- Barrier method
 - Progesterone
 - IUCD
 - Sterilization
42. Ayushman Bharat diwas is celebrated each year on
- April 30
 - January 28
 - May
 - July 1
43. Which of the following eye condition is caused by increased intraocular pressure?
- Cataract
 - Glaucoma
 - Myopia
 - Trachoma
44. Brachytherapy means
- Chemotherapy with radiation
 - Internal radiation therapy
 - External radiation therapy
 - Radiation therapy with surgery
45. A communication barrier that involves linguistic problems of the sender and receiver is known as
- Environment barrier
 - Psychological barrier
 - Personal barrier
 - Semantic barrier

46. Which of the following is the symptom of appendicitis?

- A. Diarrhea
- B. Hypertension
- C. Nausea and vomiting
- D. Bradycardia

47. Which technique is essential for effective communication in nursing?

- A. Active listening
- B. Giving advice
- C. Passive listening
- D. Changing the subject

48. In which situation, the nurse should not use droplet precautions?

- A. HIV
- B. Tuberculosis
- C. chickenpox
- D. Influenza

49. Which of the following is characteristic feature of the urinary tract infection?

- A. Constipation
- B. Excessive thirst
- C. Frequent urination
- D. Decreased urine output

50. What type of wound is created by a sharp object and have clean edges?

- A. Abrasion
- B. Laceration
- C. Incision
- D. Contusion

ANSWER KEY

Recruitment test conducted on 22/12/2024 for post of Health Visitor
under Dr. B.R Ambedkar Institute of Medical Sciences, Mohali

1	C		26	A
2	C		27	B
3	C		28	C
4	A		29	B
5	C		30	C
6	A		31	C
7	A		32	C
8	A		33	D
9	B		34	C
10	C		35	B
11	C		36	A
12	B		37	C
13	C		38	A
14	B		39	B
15	C		40	B
16	B		41	A
17	C		42	A
18	A		43	B
19	C		44	B
20	A		45	D
21	D		46	C
22	C		47	A
23	A		48	A
24	B		49	C
25	A		50	C

BABA FARID UNIVERSITY OF HEALTH SCIENCES, FARIDKOT

Lab Attendant (under Dr B.R. Ambedkar State Institute of Medical Sciences, Mohali)		
QUESTION BOOKLET		RIGHT THUMB IMPRESSION OF THE CANDIDATE
OMR ANSWER SHEET		
ROLL NO:	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	FULL SIGNATURE OF THE CANDIDATE
Co-ordinator stamp		FULL SIGNATURE OF INVIGILATOR

Time Allowed: 1:00 Hour (11:00 AM to 12:00 Noon)

Maximum Marks: 50

1. Use BLACK FINE TIP BALL PEN only. Use of pencil is not allowed.
2. Write your Roll number on the OMR answer-sheet and also on the question-booklet only in the space provided for the purpose and at no other place in the question booklets and Answer-sheet
3. Enter the Question Booklet Set and Number on the OMR Answer-sheet and also darken the corresponding bubbles with BLACK FINE TIP BALL PEN.
4. Do not put any marks anywhere in the Question booklet /on the OMR Answer-sheet.
5. **There are 50 objective type questions in all of 1 Mark each.** Before attempting the questions, check that the Question-booklet is complete. In case any question/part of question or page is missing, inform the Centre Superintendent within 5 minutes of the start of the examination. After that no claim will be entertained.
6. **Each question is followed by four alternative responses listed as A), B), C) and D) out of which only one is correct / most correct. In case, all the ovals are left blank, there will be deduction of marks @ 0.25 mark for each such unattempted question. Fifth oval 'E' (introduced for security purpose) is to be darkened in case you do not want to attempt the question to avoid negative marking.**
7. To open the question booklet, remove the seal gently when asked to do so. Handover the OMR Answer-sheet to the officer on duty on the completion of the time before you leave the examination hall.
8. **The candidates are permitted to carry his/her question booklet after completion of the examination but OMR Sheets are compulsory required to be deposited with the invigilator.**
9. A candidate who create disturbance of any kind or changes his/her seat or is found in possession of any paper possibility of any assistance to him/her or unfair means will be expelled from the examination by the Centre superintendent/Observer, whose decision shall be final. ("Expulsion" for this purpose would mean cancellation of the entire examination of the candidate).
10. **THE CANDIDATES ARE NOT PERMITTED TO CARRY ANY TELECOMMUNICATION EQUIPMENT SUCH AS WATCH, CELLULAR PHONE, WIRELESS SET, SCANNER ETC. INSIDE THE EXAMINATION HALL.**
11. For rough work, use only the blank space of the Question booklet.
12. The candidates will not be allowed to leave the examination hall during the examination.
13. Borrowing any material is not allowed.
14. The answer-sheet is designed for Computer evaluation. If the instructions are not followed properly, the candidate alone shall be responsible for the resultant loss.
15. Smoking/Refreshment shall not be allowed in the Entrance Test Centre/Hall.
16. Male candidates shall affix their Left Thumb Impression (LTI) while Female candidates shall affix Right Thumb Impression (RTI) at the prescribed place on the OMR answer sheet, Question Booklet and attendance sheet. The Centre superintendent shall also obtain and retain it for record.
17. The candidate must fill both the question booklet number and OMR answer sheet number on the attendance sheet.
18. No candidate shall be allowed to leave the centre before **12:00 Noon**.

1. Which reagent is used in the Biuret test for proteins?

- A) Copper sulfate and sodium hydroxide
- B) Benedict's solution
- C) Sulfuric acid
- D) Acetic acid

2. In the estimation of blood glucose using the GOD-POD method, what is the enzyme used?

- A) Amylase
- B) Glucose oxidase
- C) Lipase
- D) Protease

3. Which biochemical method is used for the quantification of DNA?

- A) Biuret test
- B) Bradford assay
- C) NanoDrop spectrophotometry
- D) Hemocytometry

4. In chromatography, the stationary phase in thin-layer chromatography (TLC) is usually made of:

- A) Silica gel
- B) Agarose
- C) Cellulose
- D) Polyacrylamide

5. The enzymatic method for cholesterol estimation involves which enzyme?

- A) Cholesterol oxidase
- B) Urease
- C) Amylase
- D) Protease

6. What is the purpose of using a standard curve in biochemical assays?

- A) To directly determine the pH of the solution
- B) To calculate unknown sample concentrations
- C) To identify the purity of reagents
- D) To compare enzymatic activity

7. What is the function of EDTA in blood collection tubes for biochemical analysis?

- A) Coagulant
- B) Preservative
- C) Anticoagulant
- D) Staining agent

8. Which chemical is used for the deproteinization of blood samples in glucose estimation?

- A) Trichloroacetic acid
- B) Sulfuric acid
- C) Perchloric acid
- D) Hydrochloric acid

9. Which of the following is a Romanowsky stain used for blood smears?

- A) Hematoxylin and Eosin
- B) Leishman stain
- C) Masson's trichrome
- D) PAS stain

10. Which type of anemia is characterized by hypersegmented neutrophils?

- A) Microcytic anemia
- B) Megaloblastic anemia
- C) Hemolytic anemia
- D) Aplastic anemia

11. The primary role of eosinophils is in:

- A) Phagocytosis of bacteria
- B) Defense against parasitic infections
- C) Antibody production
- D) Coagulation

12. Which of the following tumors is of epithelial origin?

- A) Lipoma
- B) Osteosarcoma
- C) Adenocarcinoma
- D) Rhabdomyosarcoma

13. Which connective tissue fiber is most abundant in the extracellular matrix?

- A) Elastic fibers
- B) Collagen fibers
- C) Reticular fibers
- D) Keratin fibers

14. What is the primary function of goblet cells?

- A) Absorption
- B) Mucus secretion
- C) Hormone production
- D) Immune defense

15. Which organ has a medulla composed mainly of chromaffin cells?
- Thyroid gland
 - Adrenal gland
 - Pancreas
 - Kidney
16. Which medium is selective for fungal growth?
- Blood agar
 - MacConkey agar
 - Sabouraud agar
 - Nutrient agar
17. The toxin produced by *Clostridium tetani* is:
- Endotoxin
 - Enterotoxin
 - Neurotoxin
 - Cytotoxin
18. The main function of the cytoplasm in a cell is:
- DNA replication
 - Energy production
 - Providing structural support
 - Enzymatic activity and metabolism
19. Papanicolaou stain is used primarily in:
- Microbiology
 - Cytopathology
 - Immunology
 - Hematology
20. RT-PCR is used to detect:
- Bacterial RNA
 - Viral DNA and RNA
 - Fungal spores
 - Antibodies
21. Which virus is commonly tested in VRDL during blood transfusions?
- Hepatitis B
 - Influenza
 - Rotavirus
 - Adenovirus
22. Rheumatoid factor (RF) is commonly tested in:
- Autoimmune diseases
 - Viral infections
 - Bacterial infections
 - Hematological disorders
23. Universal precautions in a lab are applied to prevent:
- Cross-contamination
 - Equipment malfunction
 - Chemical hazards
 - Noise pollution
24. The primary step in blood sample collection is:
- Labeling the tube
 - Cleaning the venipuncture site
 - Centrifuging the sample
 - Adding anticoagulant
25. What is the function of anticoagulants in blood collection tubes?
- Prevent clotting
 - Enhance clotting
 - Preserve the sample
 - Improve colorimetric reactions
26. Blood is which type of tissue?
- Epithelial tissue
 - Muscle tissue
 - Connective tissue
 - Nervous tissue
27. Shelf life of Fresh frozen plasma is
- 6 months
 - 12 months
 - 15 months
 - 18 months
28. Which immunoglobulin can cross placenta?
- IgG
 - IgA
 - IgD
 - IgM
29. Which of the following test is used to detect/determine syphilis?
- ASOT
 - RA factor
 - CRP
 - VDRL

30. Which is the following Anticoagulant tube need to collect sample for CBC?
- Sodium fluoride
 - EDTA
 - Heparin
 - Sodium citrate
31. A Blood Donor who recently diagnosed as HbsAg Positive should be deferred for how long?
- Permanently
 - 6 months
 - 1 year
 - 2 year
32. Which of the following cells play a major role in humoral immunity?
- T cells
 - B cells
 - Monocytes
 - Macrophages
33. Night blindness is caused by deficiency of which vitamin?
- Vitamin A
 - Vitamin C
 - Vitamin B6
 - Vitamin B12
34. Enterobius vermicularis is also known as?
- Pin worm
 - Round worm
 - Thread worm
 - Whip worm
35. Hemophilia A is caused by which factor deficiency?
- Factor VIII
 - Factor IX
 - Factor X
 - Factor I
36. Erythroblastosis foetalis occurs due to
- ABO incompatibility
 - RH incompatibility
 - Hemophilia
 - Leukemia
37. Type 1 Hypersensitivity is mediated by which of the following immunoglobulins?
- IgA
 - IgG
 - IgM
 - IgE
38. The immunity acquired by inoculation of living organism of attenuated virulence is
- Artificial Active immunity
 - Passive immunity
 - Natural Active immunity
 - Local immunity
39. Normal platelet count is ?
- 1.5-4.5 lakhs/mm³
 - 50000- 1 lakh/mm³
 - 5000-11000/mm³
 - 5-6 lakh/mm³
40. Erythropoiesis is development of
- Red Blood Cell
 - Granulocytes
 - Agranulocytes
 - Platelets
41. Hemoglobinopathies can be detected by
- Sahli's Method
 - Electrophoresis
 - Flame photometer
 - Cyan meth method
42. The unit for expressing Erythrocyte Sedimentation rate is ?
- Centimeter /minute
 - Millimeter/minute
 - Centimeter /hour
 - Millimeter/hour
43. Which disease occurs due to lack of GP IIb/IIIa receptor on platelet?
- Glanzmann Thromboasthenia
 - Bernal soliuer syndrome
 - Plt gray syndrome
 - Thrombocytopenia

44. What is the normal range of Reticulocytes?

- A) 2-4%
- B) 0.2-2%
- C) 2.2-4.4%
- D) 1-2%

45. Which test is done to measure intrinsic pathway?

- A) PT
- B) APTT
- C) TT
- D) Fibrinolysis

46. Which of the following test is used to detect in vitro sensitization of RBCs?

- A) Indirect Coombs test
- B) Direct Coombs test
- C) Agglutination
- D) Precipitation

47. Vitamin essential for blood clotting is?

- A) Vitamin K
- B) Vitamin A
- C) Vitamin B
- D) Vitamin C

48. Which of the following is the most mature normoblast?

- A) Pronormoblast
- B) Basophilic normoblast
- C) Orthochromic normoblast
- D) Polychromic normoblast

49. The anticoagulant used for coagulation studies?

- A) Oxalate
- B) EDTA
- C) Heparin
- D) Citrate

50. For routine staining of blood smear by Giemsa method , the smear is fixed by ?

- A) Acetone
- B) Acetic Acid
- C) Methanol
- D) Chloroform

ANSWER KEY

Recruitment test conducted on 22/12/2024 for post of Lab Attendant
under Dr. B.R Ambedkar Institute of Medical Sciences, Mohali

1	A		26	C
2	B		27	B
3	C		28	A
4	A		29	D
5	A		30	B
6	B		31	A
7	C		32	B
8	A		33	A
9	B		34	A
10	B		35	A
11	B		36	B
12	C		37	D
13	B		38	A
14	B		39	A
15	B		40	A
16	C		41	B
17	C		42	D
18	D		43	A
19	B		44	B
20	B		45	B
21	A		46	A
22	A		47	A
23	A		48	C
24	B		49	D
25	A		50	C