ਬਾਬਾ ਫਰੀਦ ਯੂਨੀਵਰਸਿੱਟੀ ਆਫ ਹੈਲਥ ਸਾਇੰਸਜ਼, ਫਰੀਦਕੋਟ

ਮਿਤੀ 14/12/2024

ਜਨਤਕ ਨੋਟਿਸ

ਬਾਬਾ ਫਰੀਦ ਯੂਨੀਵਰਸਿੱਟੀ ਆਫ ਹੈਲਥ ਸਾਇੰਸਜ਼, ਫਰੀਦਕੋਟ ਵੱਲੋਂ Written Test for recruitment to the Child Psychologist, Medical Lab Technician and Media Maker posts under Dr B.R. Ambedkar State Institute of Medical Sciences, Mohali ਦੀ ਭਰਤੀ ਲਈ ਮਿਤੀ 14/12/2024 ਦਿਨ ਸ਼ਨੀਵਾਰ (Saturday) ਨੂੰ ਭਰਤੀ ਪ੍ਰੀਖਿਆ ਕੇਂਦਰ ਬਣਾ ਕੇ ਕਰਵਾਈ ਗਈ ਸੀ. ਇਸ ਪੇਪਰ ਦੀ Answer Key/Question Booklet ਯੂਨੀਵਰਸਿੱਟੀ ਦੀ ਵੈਬ ਸਾਈਟ www.bfuhs.ac.in ਤੇ ਅਪਲੋਡ ਕਰ ਦਿੱਤੀ ਗਈ ਹੈ, ਜੇਕਰ ਕਿਸੇ ਵੀ ਉਮੀਦਵਾਰ ਨੂੰ Answer Key ਸਬੰਧੀ ਕੋਈ ਇਤਰਾਜ 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 (ਯੂਨੀਵਰਸਿੱਟੀ ਵੈਬਸਾਇਟ ਦੁਆਰਾ) ਭਰਨ ਉਪਰੰਤ ਰਸੀਦ ਨੱਥੀ ਕਰਕੇ ਭਰਤੀ ਸ਼ਾਖਾ, ਕਮਰਾ ਨੰਬਰ-103, ਬਾਬਾ ਫਰੀਦ ਯੂਨੀਵਰਸਿੱਟੀ ਆਫ ਹੈਲਥ ਸਾਇੰਸਜ਼, ਫਰੀਦਕੋਟ ਵਿੱਖੇ ਆਪਣਾ ਇਤਰਾਜ ਮਿਤੀ 16/12/2024 (O5:00 PM) ਤੱਕ ਜਮ੍ਹਾਂ ਕਰਵਾ ਸਕਦੇ ਹਨ। ਨਿਰਧਾਰਤ ਫੀਸ ਤੋਂ ਬਿਨ੍ਹਾ ਕੋਈ ਵੀ ਇਤਰਾਜ ਵਿਚਾਰਿਆ ਨਹੀ ਜਾਵੇਗਾ।

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

ਨੋਟ: ਡਾਕ/ਈਮੇਲ ਰਾਹ□ਪ੍ਰਾਪਤ ਹੋਏ ਇਤਰਾਜ ਪ੍ਰਵਾਨ ਨਹ□ਕਾੜੇ ਜਾਣਗੇ।

ਸਹ⊍-

ਰਜਿਸਟਰਾਰ

BABA FARID UNIVERSITY OF HEALTH SCIENCES, FARIDKOT

Media Maker (under Dr B.R. Ambedkar State Institute of Medical Sciences, Mohali)	
QUESTION BOOKLET NO	MPRESSION OF THE CANDIDATE
OMR ANSWER SHEET NO	
ROLL NO:	FULL SIGNATURE OF THE CANDIDATE
Co-ordinator stamp	
T' All All All All All All All All All Al	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.
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- 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.
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- 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.
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- 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.

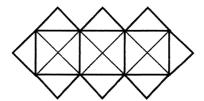


i. iii wilicii year ui	ie current state of runjab was t	Ji Calcu !	
a. 1960	b. 1966	c. 1970	d. 1972
2. Who had establi	shed the Amritsar city?		
a. Guru Ram D	Das b. Guru Amar Das	c. Guru Arjan	d. Guru Hargobind
3. Sirhind Canal is	connected with a river?		
a. Beas	b. Ghaggar	c. Ravi	d. Satluj
4. What is the symi	bol for Silver?		
a. Au	b. Sn	c. Ag	d. So
5. Which is the olde	est Dance?		
a. Kathakali	b. Bhangra	c. Mohniattam	d. Bharatnatyam

6. What was the me	edium of education in Vedic pe	riod?	
a. Pali	b. Sanskrit	c. Prak r it	d. Vernacular language
7. From where did	the Great Uprising of 18 5 7 beg	in?	
a. Meerut	b. Buxar	c. Plassey	d. None of these
8. What does Lok A	\dalat mean?	en e	
a. District Cour	t b. High Court	c. People's Court	d. Supreme Court
9. How many hymn	s does the Rig Veda consists	of?	
a. 428	b. 1028	c. 1428	d. 2028
10. Agriculture prov	vides raw material to which of t	he following industry?	
a. Textil e Indus	stry	b. Electronic Industr	y 1
c. Iron & St e el	Industry	d. Cottage Industry	
11. Who became th	ne chairman of the Internationa	I Cricket Council on Decei	mber 1, 2024?
a. Greg Barcla	y b. Sourav Ganguly	c. Jay Shah	d. N Srinivasan

12	. Which country hosted th	ne G20 Summit in 2024?		
	a. France	b. Brazil	c. Korea	d. India
13	. Who is currently the new	v Prime Minister of the UK	?	
	a. Liz Truss	b. Boris Johnson	c. Rishi Sunak	d. Keir Starmer
14	. Who is the current Chief	f Minister of Maharashtra?	•	
	a. Ajit Pawar	b. Uddhav Thackeray	c. Devendra Fadnavis	d. None of these
15	. How many medals did I	ndia win at Paralympics 20)24?	
	a. 37	b. 29	c. 18	d. 42
16	. 'Playing It My Way' is th	e autobiography of which I	ndian cricketer?	
	a. Sachin Tendulkar	b. Kapil Dev	c. Sunil G avas kar	d. Virat Kohli
17.	. Which country launched	the world's first 6G satelling	te in 2024?	
	a. Korea	b. Japan	c. Vietnam	d. China
18.	. Which medal did Neeraj	Chopra win at the Paris C	Olympics 2024?	
	a. Gold	b. Silver	c. Bronze	d. None of these
19.	Who is appointed as the	Chairman of ISRO?		
	a. S. Somnath	b, K. Sivan	c. M. Annadurai	d. None of these
20.	Who is the current Chief	Justice of India?		
	a. Justice Sanj ay Kisha	n Kaul	b. Justice N.V. Ramana	
	c. Justice Sanjiv Khann	a	d. Justice D.Y. Chandrac	hud
21.	Directions : Choose the	word which is least like the	e other words in the group.	
	a. Mon ast ery	b. Temple	c. Church	d. Mosque
22.	A dog runs 10 m toward	s North and turns to right,	runs 20 m and turns to righ	nt, runs 15 m and again turn
	to right, runs 30 m and t	then turns to right, runs 15	m and finally turns right ar	nd runs 6 m. Now, in which
	direction is the dog facing	ng?		
	a. North	b. West	c. South	d. East

23. Find the number of squares in the given figure:



a. 17

b. 15

c. 13

d. None of these

24. Read the following information carefully and answer the given question.

- i. 'A @ B' means 'A is father of B'.
- ii. 'A + B' means 'A is son of B'.
- iii. 'A \$ B' means 'A is daughter of B'.
- iv. 'A % B' means 'A is mother of B'.
- v. 'A & b' means 'A is husband of B'.

How is P related to T in the given expression?

P%Q+R@S&T

a. Sister

b. Mother-in-law

c. Mother

d. Father-in-law

25. If 'A' stands for '+', 'B' stands for '-', 'C' stands for 'x', and 'D' stands for '÷', then:

a. 0

b. 2

c. 3

d. 1

26. In a certain code, '247' means 'spread red carpet'-, '256' means 'dust one carpet' and '264' means 'one *red carpet'*. Which digit in that code means 'dust'?

a. 4

b. 6

c. 5

d. Can't say

27. If the first and the last letters of the word DISTRIBUTION were interchanged, the second and second last letters were also interchanged and so on, then which of the following letters would be the fifth letter to the left of letter R in the word so formed?

a. T

b. I

c. D

d. O

28. The position of how many digits will remain the same, if the digits in the number 97215368 are rearranged in the descending order?

a. Three

b. Two

c. One

d. Zero

29. A	blacksmith has five iro	on articles A, B, C, D and I	E, ea	ach having a different	weight.
I.	A weighs twice as m	nuch as B.			
II.	B weighs four and a	half times as much as C.			
III.	C weighs half as mu	ich as D.			
IV.	D weighs half as mu	ich as E.			
V.	E weighs less than A	A but more than C.			
	Which of the following	is the lightest?			
á	a. A	b. B	C.	C	d. D
30. F	ind the missing numbe	er in the given number seri	es.		
	2, 10,	, 37, 101, ? , 442			
á	a. 135	b. 168	C.	199	d. 226
31. C	espite being an excelle	ent athlete, he is very			
а	. humility	b. humble	C.	humiliate	d. Humbling
			-		
32. ld	dentify the error in the f	ollowing sentence:	te. Tolka		
	She hardly n	ever goes to the gym.			
	She hardly notes.	ever goes to the gym. b. hardly never	c.	go es	d. to the gym
	a. She	b. hardly never			d. to the gym
33. V	a. She Vhich of the following w	b. hardly never	g to "	ambiguous"?	
33. V	a. She	b. hardly never	g to "		d. to the gym
33. V	a. She Vhich of the following w a. Confusing	b. hardly never vords is closest in meaning b. Clear	g to " c.	ambiguous"? Simple	d. Explicit
33. V 4 34. T	a. She Which of the following was Confusing The scientist's discoveri	b. hardly never ords is closest in meaning b. Clear es were truly, cha	to " c.	ambiguous"? Simple g the way we understa	d. Explicit and the universe.
33. V 4 34. T	a. She Vhich of the following w a. Confusing	b. hardly never vords is closest in meaning b. Clear	to " c.	ambiguous"? Simple	d. Explicit
33. V 8 34. T	a. She Which of the following was Confusing The scientist's discovering trivial	b. hardly never ords is closest in meaning b. Clear es were truly, cha b. redundant	to " c.	ambiguous"? Simple g the way we understa	d. Explicit and the universe.
33. V 34. T 35. lo	a. She Which of the following wa. Confusing The scientist's discovering trivial The trivial	b. hardly never ords is closest in meaning b. Clear es were truly, cha b. redundant ollowing sentence:	to" c. ngin c.	ambiguous"? Simple g the way we understa	d. Explicit and the universe.
33. V 34. T 35. ld	a. She Which of the following was Confusing The scientist's discovering trivial dentify the error in the fach of the players were	b. hardly never ords is closest in meaning b. Clear es were truly, cha b. redundant ollowing sentence: e excited to win the match	to" c. ngin c.	ambiguous"? Simple g the way we understa	d. Explicit and the universe.
33. V 34. T 35. ld	a. She Which of the following wa. Confusing The scientist's discovering trivial The trivial	b. hardly never ords is closest in meaning b. Clear es were truly, cha b. redundant ollowing sentence:	g to " c. ngin c.	ambiguous"? Simple g the way we understa	d. Explicit and the universe.
33. V 34. T 35. ld E	A. She Which of the following was Confusing The scientist's discovering trivial Identify the error in the fach of the players were	b. hardly never ords is closest in meaning b. Clear es were truly, cha b. redundant ollowing sentence: e excited to win the match	g to " C. ngin C.	ambiguous"? Simple g the way we understa groundbreaking	d. Explicit and the universe. d. insignificant
33. V 34. T 35. ld E	A. She Which of the following was Confusing The scientist's discovering trivial Identify the error in the foliach of the players were The Each of the players were The Each of the option that the choose the option that the	b. hardly never ords is closest in meaning b. Clear es were truly, cha b. redundant ollowing sentence: e excited to win the match b. players	g to " c. ngin c.	ambiguous"? Simple g the way we understa groundbreaking	d. Explicit and the universe. d. insignificant
33. V 34. T 35. lo E 36. C	A. She Which of the following was Confusing The scientist's discovering trivial Identify the error in the foliach of the players were The Each of the players were The Each of the option that the choose the option that the	b. hardly never ords is closest in meaning b. Clear es were truly, cha b. redundant ollowing sentence: e excited to win the match b. players pest corrects the sentence s the more smarter of the te	g to " c. ngin c. c.	ambiguous"? Simple g the way we understa groundbreaking	d. Explicit and the universe. d. insignificant d. to win

37.	The committee	agreed to the ne	w policy.		
	a. has	b. have	c. are		d. Were
38.	Choose the sentence	with the correct punc	tuation:		
	a. The book, that I bor	rowed from you is re	eally good.		
	b. The book, that I boo	rowed from you, is r	eally good.		
	c. The book that I born	owed from you, is re	eally good.		
	d. The book that I born	rowed from you is re	ally good.		
39.	Identify the correctly pe	unctuated sentence:			
	a. Lets go out for dinn	er tonight.	b. Let's go	out for dinne	rtonight.
	c. Lets' go out for dinn	er tonight.	d. Let us g	o out f or d inr	ner, tonight.
			•		
40.	Neither of the answers	correct.			1999. S
	a. are	b. is	c. were		d. have been
41.	Which Vitamin is requi	red for blood clotting	?		
	a. Vitamin A	b. Vitamin D	c. Vitamin	K	d. None of these
42.	Kwashiorkor is cause	d todefi	ciency?		
	a. Water	b. Protein	c. Glucose		d RBC
43.	Which Vitamin is know	n as Retinol?			
	a. Vitamin D	b. Vitamin C	c Vitamin E	3	d. Vitamin A
44.	Several graphical and	digital a rtworks can	be using	Photoshop.	
	a. Created	b. Edited	c. Manipula	ated	d. All of these
45.	Adobe Systems develo	ps Photoshop, whic	h is available for		
40	a. Windows	b. Mac OS	c. Both A a	ind B	d. None of these
40.	What does PSD stands		h Dh.4	on Disital	
	a. Photoshop Docume		b. Photosh	•	Dimital
	c. Photosnop Shoppin	c. Photoshop Shopping document		op Shopping	Digital

47. T	he typical size	for a grap	nic design is me	easured in	•			
a	a. Pixel	b	. Bitmap		c. Points		d. None of the	se
48. N	/lass media ha	ive become	so integrated in	nto people	e's lives that		is common.	
	a. Mainstream		. M edia multita				— d. niche castin	g
49. V	Vhat is the ten	m for the pr	ocess by which	a messa	ge is distorted	or change	d as it passes the	rough a
	communication	n channel?						
·	a. Noise	b	. Feedback		c. Decoding		d. Encoding	
50. C	PNE is the re	presentativ	e body of:					
a	a. Reporter	b	. Newspaper o	wner	c. Woking Jo	urnalist	d. Editors	

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

BABA FARID UNIVERSITY OF HEALTH SCIENCES, FARIDKOT

Medical Lab Te (under Dr B.R. Ambedkar State Institut	
QUESTION BOOKLET NO	
OMR ANSWER SHEET NO	IB IMPRESSION OF THE CANDIDATE
ROLL NO:	FULL SIGNATURE OF THE CANDIDATE
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- Q1. What is the primary reagent used in the Jaffe reaction for serum creatinine estimation?
- A. Phosphotungstic acid
- B. Picric acid
- C. Sulfuric acid
- D. Potassium dichromate
- Q2. Which enzyme is measured in the diagnosis of acute pancreatitis?
- A. Creatine kinase (CK)
- B. Alkaline phosphatase (ALP)
- C. Lipase
- D. Gamma-glutamyl transferase (GGT)
- Q3. In lipid profile tests, which component is directly associated with increased cardiovascular risk?
- A. HDL cholesterol
- B. LDL cholesterol
- C. Triglycerides
- D. Total cholesterol
- Q4. What is the principle of spectrophotometry used in biochemistry analysis?
- A. Reflection of light
- B. Refraction of light
- C. Absorption of light
- D. Diffusion of light
- Q5. What is the most common buffer used in electrophoresis?
- A. Sodium chloride
- B. Tris buffer
- C. Acetate buffer
- D. Carbonate buffer
- Q6. In the Friedewald formula for calculating LDL cholesterol, which value is required in addition to total cholesterol and HDL cholesterol?

- A. Apolipoprotein B
- B. Triglycerides
- C. VLDL cholesterol
- D. Non-HDL cholesterol
- Q7. What is the gold standard method for measuring ionized calcium in blood?
- A. Atomic absorption spectrophotometry
- B. Spectrophotometric colorimetric assay
- C. Ion-selective electrode
- D. Fluorometric analysis
- Q8. What is the role of the reference electrode in a pH meter?
- A. Measures the pH of the solution directly
- B. Provides a stable voltage for comparison
- C. Transduces chemical energy to electrical energy
- D. Calibrates the measurement automatically
- Q9. Why is calibration of laboratory instruments essential?
- A. To save time during tests
- B. To ensure accurate and reliable results
- C. To prevent contamination
- D. To reduce chemical wastage
- Q10. What is the purpose of quality control in a clinical biochemistry lab?
- A. To improve staff performance
- B. To identify errors in laboratory results
- C. To reduce testing costs
- D. To increase sample processing speed
- Q11. Which stain is used for identifying malarial parasites in a blood smear?
 - A. Gram stain
 - B. Leishman stain
 - C. Ziehl-Neelsen stain
 - D. Wright-Giemsa stain

- Q12. What is the principle of the Westergren method in ESR measurement?
- A. Agglutination
- B. Sedimentation
- C. Coagulation
- D. Precipitation
- Q13. Which of the following stains is used to identify collagen fibers?
- A. Periodic Acid-Schiff (PAS)
- B. Masson's trichrome
- C. Alcian blue
- D. Oil Red O
- Q14. The PAS stain is most useful for detecting which of the following?
- A. Lipids
- B. Glycogen and mucopolysaccharides
- C. Collagen
- D. Elastic fibers
- Q15. Which of the following techniques is used for antigen detection in tissues?
- A. Immunohistochemistry (IHC)
- B. Western blotting
- C. Polymerase chain reaction (PCR)
- D. Flow cytometry
- Q16. In frozen sectioning, what is the purpose of the cryostat?
- A. Staining tissue sections
- B. Embedding tissue in paraffin
- C. Rapid freezing and sectioning of tissue
- D. Fixation of tissue specimens
- Q17. Which of the following is an example of passive immunity?
- A) Vaccination
 - B) Breastfeeding
 - C) Natural infection
 - D) Booster dose

- Q18. Which test is used to confirm HIV infection?
- A) ELISA
- B) Western Blot
- C) RPR
- D) Agglutination
- Q19. What type of hypersensitivity reaction involves IgE antibodies?
- A) Type I
- B) Type II
- C) Type III
- D) Type IV
- Q20. Which bacterial shape is described as "rod-shaped"?
- A) Cocci
- B) Bacilli
- C) Spirilla
- D) Vibrio
- Q21. What is the optimal temperature for most pathogenic bacteria?
- A) 25°C
- B) 37°C
- C) 45°C
- D) 60°C
- Q22. Which medium is selective for Gramnegative bacteria?
- A) Blood agar
- B) MacConkey agar
- C) Chocolate agar
- D) Nutrient agar
- Q23. What is the main function of catalase in bacteria?
- A) Breaks down hydrogen peroxide
- B) Synthesizes proteins
- C) Enhances motility
- D) Forms spores
- Q24. Which of the following is a zoonotic disease?
- A) Tetanus
- B) Leptospirosis
- C) Tuberculosis
- D) Diphtheria

Q25. Which staining technique is used for Mycobacterium species?

- A) Gram stain
- B) Acid-fast stain
- C) Negative stain
- D) Endospore stain

Q26. Which of the following anti-coagulant tube is needed to collect sample of PT and APTT?

- A) Sodium fluoride
- B) EDTA
- C) Sodium citrate
- D) Heparin

Q27. What is the ratio for dilution of blood for Total leukocyte count by Neubauer chamber?

- A) 1:20
- B) 1:100
- C) 1:50
- D) 1:200

Q28. All of the following stains can be used for reticulocyte count except:

- A) New methylene blue
- B) Azure B
- C) Brilliant cresyl blue
- D) Toluidine blue

Q29. Macrocytes in peripheral smear are observed in all the following situations except:

- A) Megaloblastic anemia
- B) Iron deficiency anemia
- C) Chronic alcoholism
- D) Liver disease

Q30. Automated hematology analyzers are based on which of the following principle?

- A) Electric impedance
- B) Light scatter
- C) Fluorescence
- D) All of the above

Q31. What should be the ratio between the volume of the tissue and the fixative for histopathology processing?

- A) 1:5
- B) 1:10
- C) 1:20
- D) 1:100

Q32. Following symbol on a chemical bottle in the laboratory means:



- A) Corrosive
- B) Carcinogen
- C) Flammable
- D) Explosive

Q33. Which of the following crystals may be found in acidic urine?

- A) Calcium carbonate
- B) Calcium oxalate
- C) Calcium phosphate
- D) Ammonium urate

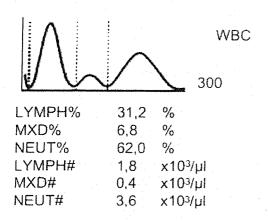
Q34. Which of the following is the primary reagent in the copper reduction tablet?

- A) Sodium carbonate
- B) Copper sulphate
- C) Sodium tetrathionate
- D) Glucose oxidase

Q35. Healthcare workers who deal with biomedical waste should mandatorily take which of the following vaccine?

- A) Rabies
- B) Hepatitis B vaccine
- C) Influenza vaccine
- D). All of the above

Q36. A histogram showing the distribution of white blood cell (WBC) population. Which of the following conclusions can be drawn from this histogram?



- A) There is a normal distribution of WBCs in the blood.
- B) The patient may have a leukemic condition due to the presence of a high number of blasts.
- C) The WBC count is below the normal range, indicating possible leukopenia.
- D) The histogram indicates that all WBC types are present in equal proportions.

Q37. Ammonium oxalate reagent is used for counting of which of the following parameter?

- A) WBC's
- B) RBC's
- C) Platelets
- D) Reticulocytes

Q38. Normal value of Prothrombin time is

- A) 30-40 seconds
- B) 11-16 seconds
- C) 50-70seconds
- D) 100-110seconds

Q39. Which of the following statements is true for Benedict's test for detection of glycosuria?

- A) This is a qualitative test for detection of glucose in urine
- B) This is a quantitative test for detection of glucose in urine
- C) This test is more sensitive than Reagent strip method for glycosuria
- Benedict's test is specific for glucose in urine and is negative for other reducing agents.

Q40. As per the Biomedical waste management rules, blood soaked cotton is to be disposed in which colored bag?

- A) White
- B) Green
- C) Yellow
- D) Blue

Q41. Section cutting machine is known as:

- A) Cryostat
- B) Microtome
- C) Histoform
- D) Histokinete

Q42. Which one of the following hemoglobin determination methods is recommended by the International Committee for Clinical Laboratory Standards and the National Committee for Clinical Laboratory Standards?

- A) Oxyhemoglobin
- B) Sulfhemoglobin
- C) Cyanmethemoglobin
- D). Methemoglobin

Q43. What laboratory finding is most notable in hemolytic anemia?

- A) Increased platelet count
- B) Low iron levels
- C) Decreased white blood cell count
- D) Elevated bilirubin levels

Q44. What does Packed Cell Volume (PCV) represent?

- A) Volume of plasma in blood
- B) Proportion of blood volume occupied by red blood cells
- C) Percentage of white blood cells in blood
- D) Total blood volume

Q45. When collecting a blood sample, which technique is essential to prevent hemolysis?

- A) Use a smaller gauge needle
- B) Collect the sample without a tourniquet
- C) Mix the sample gently after collection
- D) Fill the tube slowly

Q46. Which staining method is commonly used to evaluate FNAC samples?

- A) Ziehl-Neelsen stain
- B) Gram stain
- C) May Grunwald giemsa stain
- D) Wright's stain

Q47. Term "hypochromia" for RBC in peripheral blood film would be best described as?

- A) Variability in shape
- B) Packed with hemoglobin
- C) Markedly blue in color
- D) Markedly pale in central color

Q48. Which of the following is not a component of Papanicolaou stain?

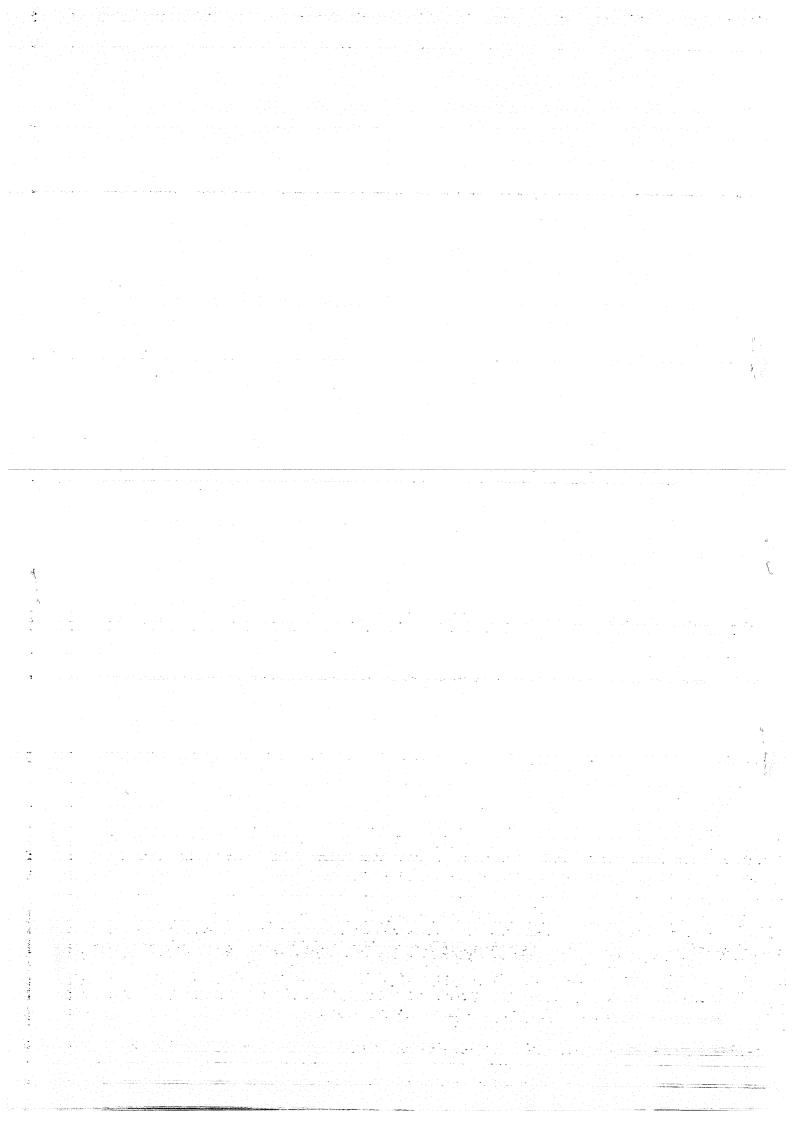
- A) Orange G
- B) Bismark Brown
- C) Eosin azure
- D) Methylene blue

Q49. Which of the following is the most preferred acid for decalcification of tissues?

- A) 20% sulfuric acid
- B) 25% hydrochloric acid
- C) 5% nitric acid
- D) 28% formic acid

Q50. How is the ESR test typically performed?

- A) Using a hematology analyzer
- B) By measuring the height of the plasma column after a set period
- C) By centrifuging a blood sample
- D) By calculating the hemoglobin concentration



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

Child Psychologist (under Dr B.R. Ambedkar State Institute of Medic OMR ANSWER SHEET NORTH ROLL NO: B IMPRESSION OF THE CANDIDATE FULL SIGNATURE OF THE CANDIDATE

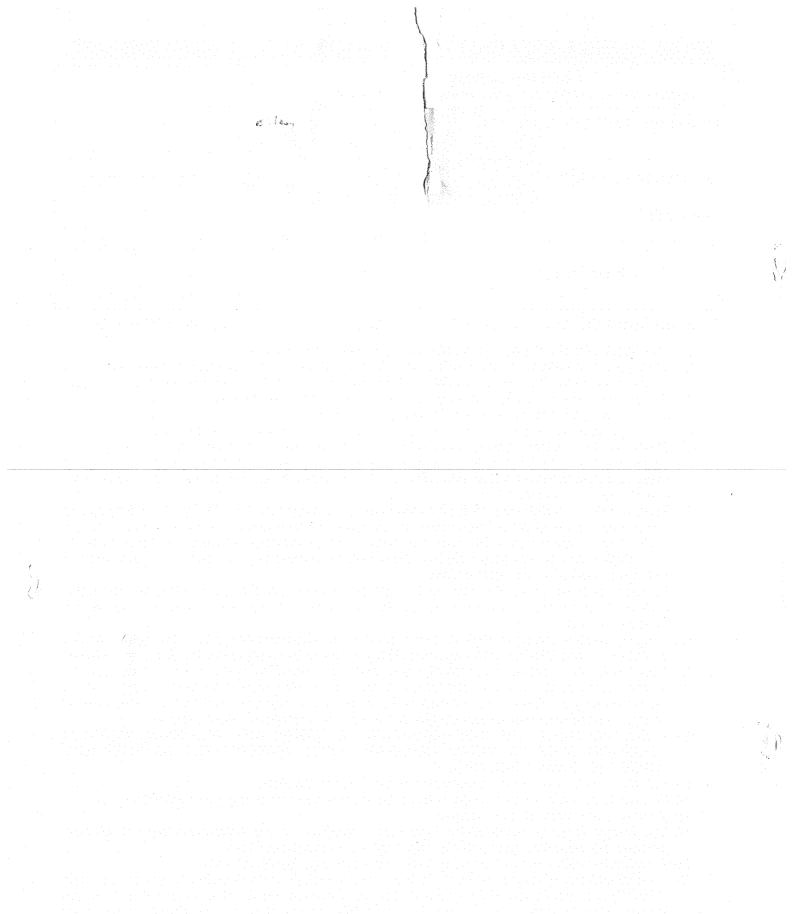
Time Allowed: 1:00 Hour (11:00 AM to 12:00 Noon)

Co-ordinator stamp

Maximum Marks: 50

FULL SIGNATURE OF INVIGILATOR

- 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. Complete the definition
- "Health is defined as a state of complete -----, mental and social well being and not merely the absence of disease or infirmity"
 - a. Emotional
 - b. Personal
 - c. Physical
 - d. Cultural
- 2. Learning is relatively -----behavioural modification as a result of experience.
 - a. Permanent
 - b. Temporary
 - c. Variable
 - d. Dynamic
- 3. Successive approximation is a method of
 - a. Psychotherapy
 - b. Behaviour modification
 - c. Cognitive therapy
 - d. Psychoanalysis
- 4. Types of thinking does not include
 - a. Creative thinking
 - b. Critical thinking
 - c. Divergent thinking
 - d. Negative thinking
- 5. The stages of grief reaction are
 - a. Denial
 - b. Anger
 - c. Bargaining
 - d. All of above
- 6. Maslow's theory is known as
 - a. Client -centred theory
 - b. Behaviour theory
 - c. Hierarchy of needs
 - d. Emotion theory
- 7. The theory of General Intelligence is the
 - a. Cognitive theory
 - b. Emotion theory
 - c. Motivation theory
 - d. Learning theory
- 8. The first Experimental Psychological Laboratory was established in the year
 - a. 1879
 - b. 1979
 - c. 1897
 - d 1779

- 9. Full form of VSMS is
 - a. Varied Social Mental Status
 - b. Vineland Social Maturity Scale
 - c. Vaso Sensory-Muscular Scale
 - d. Vineland Sensory Motor Scale
- 10. IDEAS is used to measure, qualify and certify
 - a. Intellectual Disability
 - b. Neurological Disability
 - c. Neuropsychological disability
 - d. Disability of mental disorders
- 11. Two Factor Theory of intelligence given by
 - a. Alfred Binet,
 - b. Thurston
 - c. Spearman
 - d. Thorndike
- 12. All creative people are highly intelligent but all intelligent people are not always creative
 - a. True
 - b. False
 - c. Partially true
 - d. Can't say
- 13. Which is not a branch of Psychology?
 - a. Cognitive Psychology
 - b. Forensic Psychology
 - c. Developmental Psychology
 - d. Group Psychology
- 14. Neo-Freudian theory does not focus on
 - a. Social influence
 - b. Cultural influence
 - c. Sexuality
 - d. Unconscious experiences
- 15. Which pair is not correct?
 - a. Jung -Collective Unconscious
 - b. Freud Free Association
 - c. Adler-Individual Psychology
 - d. Watson Cognitive Therapy
- 16. Which is not devised by Raven?
 - a. CPM
 - b. SPM
 - c. APM
 - d. NPIV

- 17. Giving justification or excuses for his behaviour is a defence mechanism known as
 - a. Projection
 - b. Denial
 - c. Rationalization
 - d. Intellectualization
- 18. A statistical test procedure which analyses the statistical difference between the means of two groups is known as
 - a. ANOVA
 - b. T-Test
 - c. SD
 - d. QD
- 19. Repeated urination while sleeping even after five years of age is called
 - a. Nocturnal Enuresis
 - b. Pica
 - c. Encopresis
 - d. Stuttering
- 20. Which kind of science is Psychology?
 - a. Biological Science
 - b. Physical Science
 - c. Natural Science
 - d. Social Science
- 21. Negative attitude towards people is known as
 - a. Prejudice
 - b. Discrimination
 - c. Stereotype
 - d. Prototype
- 22. Which part of the brain transfers STM to LTM?
 - a. Cerebrum
 - b. Hippocampus
 - c. Amygdala
 - d. Hypothalamus
- 23. Broca's Aphasia is also known as
 - a. Wernicke's Aphasia
 - b. Expressive Aphasia
 - c. Receptive Aphasia
 - d. Conductive Aphasia

- 24. If a person, after an accident (head injury) became less worried, careless and impulsive about the implications of his behaviour, which part of the brain is affected?
 - a. Temporal Lobe
 - b. Frontal Lobe
 - c. Occipital Lobe
 - d. Parietal Lobe
- 25. Remembering only initial and end part of the To
- Do list is an example of
 - a. Flashbulb memory
 - b. Serial position effect
 - c. Encoding specificity effect
 - d. None of the above
- 26. Exner and Klopfer System is related to what in Psychology?
 - a. TAT
 - b. CAT
 - c. Rorschach
 - d. MMPI
- 27. Sudden burst of laughter as part of Seizure is called
 - a. GTCS
 - b. Gelastic Epilepsy
 - c. Petitmal seizure
 - d. Partial seizure
- 28. Who gave the concept of Anima and Animus?
 - a. Freud
 - b. Adler
 - c. Sullivan
 - d. Jung
- 29. When do we celebrate World Mental Health Day?
 - a. 10 December
 - b. 10 September
 - c. 10 October
 - d. 10 November

- 30. Name of Aeron Beck is associated with which Psychotherapy?
 - a. Psychoanalytic Psychotherapy
 - b. Supportive Psychotherapy
 - c. Behaviour Therapy.
 - d. Cognitive Therapy
- 31. A little boy thinks that if he doesn't keep his bag at right side corner of the table, he will forget all what he has learnt, indicates
 - a. Anxiety
 - b. OCD
 - c. Phobia
 - d. Forgetfulness
- 32. During Psychotherapy what should be done at first step?
 - a. Rapport building
 - b. Asking the problem
 - c. Reassurance
 - d. Recommendations
- 33. Contingency management is based on
 - a. Operant conditioning
 - b. Classical conditioning
 - c. Modelling
 - d. Social learning
- 34. Posturing is seen in which psychiatric disorder?
 - a. Dementia
 - b. Delirium
 - c. Depression
 - d. Catatonia
- 35. Which of the following is another term coined for reinforcement?
 - a. Response
 - b. Condition
 - c. Reward
 - d. Punishment
- 36. The term used for a child's one word utterance is
 - a. Holophrases
 - b. Telegraphic speech
 - c. Under-extension
 - d. None of above

- 37. Encoding, storage and retrieval are the phases of
 - a. Learning
 - b. Intelligence
 - c. Memory
 - d. Perception
- 38. Tics disorder in childhood is associated with
 - a. OCD
 - b. Hyperkinetic disorder
 - c. Anxiety
 - d. All of above
- 39. Likert's scale is the method of
 - a. Summated ratings
 - b. Equal appearing interval
 - c. Social distance
 - d. None of them
- 40. Which of these is not a diagnostic sleep disorder?
 - a. Somnambulism
 - b. Insomnia
 - c. Hypersomnia
 - d. Somnilquy
- 41. Which of the following controls the reflexes
 - a. Hypothalamus
 - b. Spinal cord
 - c. Frontal Lobe
 - d. Cerebelum
- 42. Which of the following is not a cognitive distortion
 - a. Dichotomous thinking
 - b. Selective abstract
 - c. Catastrophic thinking
 - d. Over-thinking
- 43. Types of conflict includes
 - a. Approach Avoidance
 - b. Stress
 - c. Pressure
 - d. Frustration
- 44. Piaget's Cognitive Developmental Theory includes
 - a. Initial phase
 - b. Inter-mediate phase
 - c. Concrete Operational phase
 - d. Genital phase

- 45. Persistent and enduring pattern of dissocial, aggressive or defiant behaviour are the characteristic features of
 - a. Hyperkinetic behaviour
 - b. Autistic behaviour
 - c. Oppositional defiant behaviour
 - d. Conduct disorder
- 46. Carl Roger's theory is known as
 - a. Motivation Theory
 - b. Client Centred Theory
 - c. Behaviour Theory
 - d. Self Actualization Theory
- 47. In order for a test to be normed and standardised, it must be tested on a
 - a. Representative sample
 - b. A group of same age children
 - c. Children with same culture
 - d. Children of same intelligence

- 48. LNNB is designed to assess
 - a. Intelligence
 - b. Neuropsychological profile
 - c. Personality disorders
 - d. Developmental disorders
- 49. Intellectual disability includes limitation in both intellectual function and---
 - a. Learning
 - b. Memory
 - c. Language
 - d. Adaptive behaviour
- 50. Parasympathetic activation is associated with
 - a. Relaxation
 - b. Pupil dilation
 - c. Increased pulse rate
 - d. Increased heart rate

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