ਬਾਬਾ ਫਰੀਦ ਯੂਨੀਵਰਸਿਟੀ ਆਫ ਹੈਲਥ ਸਾਇੰਸਜ਼, ਫਰੀਦਕੋਟ

ਮਿਤੀ 23/12/2024

ਜਨਤਕ ਨੇਟਿਸ

ਬਾਬਾ ਫਰੀਦ ਯੂਨੀਵਰਸਿੱਟੀ ਆਫ ਹੈਲਥ ਸਾਇੰਸਜ਼, ਫਰੀਦਕੋਟ ਵੱਲੋਂ Written Test for recruitment to the post of Clerk-cum-Cashier, Cashier & E.E.G Tech under Dr B.R. Ambedkar State Institute of Medical Sciences, Mohali ਦੀ ਭਰਤੀ ਲਈ ਮਿਤੀ 23/12/2024 ਦਿਨ ਸੋਮਵਾਰ (Monday) ਨੂੰ ਭਰਤੀ ਪ੍ਰੀਖਿਆ ਕੇਂਦਰ ਬਣਾ ਕੇ ਕਰਵਾਈ ਗਈ ਸੀ। ਇਸ ਪੇਪਰ ਦੀ Answer Key/Question Booklet ਯੂਨੀਵਰਸਿੱਟੀ ਦੀ ਵੈੱਬਸਾਈਟ www.bfuhs.ac.in ਤੇ 🛮 ਪਲੋਡ 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 ਵੈੱਬਸਾਈਟ ਦੁਆਰਾ) ਭਰਨ ਉਪਰੰਤ ਰਸੀਦ ਨੱਥੀ ਕਰਕੇ ਭਰਤੀ ਸ਼ਾਖਾ, ਕਮਰਾ ਨੰਬਰ-102, ਬਾਬਾ ਫਰੀਦ ਯੂਨੀਵਰਸਿਟੀ ਆਫ ਹੈਲਥ ਸਾਇੰਸਜ਼, ਫਰੀਦਕੋਟ ਵਿਖੇ ਆਪਣਾ ਇਤਰਾਜ਼ **ਮਿਤੀ 24/12/2024 (05:00 PM)** ਤੱਕ ਜਮ੍ਹਾਂ ਕਰਵਾ ਸਕਦੇ ਹਨ। ਨਿਰਧਾਰਿਤ ਫੀਸ ਤੋਂ ਬਿਨਾਂ ਕੋਈ ਵੀ ਇਤਰਾਜ਼ ਵਿਚਾਰਿਆ ਨਹੀ ਜਾਵੇਗਾ।

ਉਪਰੋਕਤ ਦਿੱਤੇ ਗਏ ਸਮੇਂ ਤੋਂ ਬਾਅਦ ਵਿੱਚ ਪ੍ਰਾਪਤ ਹੋਏ ਇਤਰਾਜ਼ ਵਿਚਾਰੇ ਨਹੀ □ਾਣਗੇ ਅਤੇ ਪ੍ਰਾਪਤ ਹੋਏ ਇਤਰਾਜ਼ ਦਾ ਨਿਪਟਾਰਾ ਕਰਨ ਤੋਂ ਬਾਅਦ ਉਪਰੋਕਤ ਪ੍ਰੀਖਿਆ ਦਾ ਨਤੀ□ਾ ਘੋਸ਼ਿਤ ਕੀਤਾ □ਾਵੇਗਾ।

ਨੇਟ: ਡਾਕ/ਈਮੇਲ ਰਾਹੀਂ ਪ੍ਰਾਪਤ ਹੋਏ ਇਤਰਾਜ਼ ਪ੍ਰਵਾਨ ਨਹੀ ਕੀਤੇ 🛭 ਾਣਗੇ।

ਸਹੀ/-ਰਜਿਸਟਰਾਰ

BABA FARID UNIVERSITY OF HEALTH SCIENCES, FARIDKOT

Clerk-cum-Cas	shier & Cashier stitute of Medical Science	ces, Mohali)	
QUESTION BOOKLE			THUMB IMPRESSION OF THE CANDIDATE
OMR ANSWER SHE			
ROLL NO:			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.
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- 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.

Directions (Question 1 to 5): Read the passage carefully to answer the following questions:

Once upon a time, there was an enchanted forest that was home to many magical creatures. The trees in the forest were so tall. that their tops touched the clouds, and their leaves sparkled like emeralds. The forest was protected by an invisible barrier that only the pure of heart could pass through. Many people tried to enter the forest, but failed. Among them was a girl named Arial, who had heard tales of the forest's wonders from her grandmother. With a heart full of hope and curiosity, Arial set out on a journey to find the enchanted forest. As she approached the barrier, Arial closed her eyes and took a deep breath. To her delight, she was able to pass through the barrier effortlessly. Inside, she encountered talking animals, friendly fairies, and streams of crystal-clear water.

- 1. What was unique about the trees in the enchanted forest?
 - a. They were tall and their leaves sparkled like emeralds.
 - b. They were short and had golden leaves.
 - c. They were covered in snow year-round.
 - d. None of these
- 2. Who could pass through the invisible barrier that protected the forest?
 - a. Only children under the age of 10.
 - b. Only the pure heart.
 - c. Only those who had magical powers.
 - d. None of these

- 3. What motivated Aria to seek out the enchanted forest?
 - a. She was following a map she found.
 - b. She wanted to escape from her village.
 - c. She heard tales of the forest's wonders from her grandmother.
 - d. She was looking for a rare flower
- 4. How did Aria feel when she passed through the barrier?
 - a. Delighted
- b. Disappointed
- c. Scared
- d. Angry
- 5. What did Aria discover inside the forest?
 - a. Dangerous creatures and dark caves
 - b. A village of humans living in secrecy.
 - c. Talking animals, friendly fairies, and crystal-clear streams.
 - d. A treasure chest filled with gold.
- 6. Choose the correct option to complete the sentence:

Neither of the answers ____ correct.

a. is

b. will

c. had

d. have been

7. He _____ in London since 2010.

a. lived

b. has lived

c. has been living

d. Living

- 8. What is the past participle of the verb 'to slide'.
 - a. slid

b. slided

c. sliding

d. Sliden

- 9. Which idiom means 'feeling sick'.
 - a. flying off the handle
 - b. burning the midnight oil
 - c. under the weather
- d. in a pickle

- 10. Each of the students _____ a project to present.

 a. have b. has c. are d. Were
- 11. What is the function of the VLOOKUP formula in Excel?
 - a. Organize and sort data in ascending or descending order automatically.
 - b. Retrieve specific data from a row in a table based on a matching value in the first column.
 - c. Perform calculations, such as summing values across a specified range of cells.
 - d. None of these
- 12. What is an operating system?
 - a. A program that allows users to write and execute code in high-level languages.
 - b. A system component that physically connects hardware devices for seamless communication.
 - c. A background application designed to monitor and protect the system from external threats.
 - d. A core system software responsible for managing hardware resources and providing a platform for applications to run.
- 13. What is e-governance?
 - a. A framework for electronically delivering government services, improving transparency and efficiency.
 - A system focused on maintaining digital records for crime and law enforcement agencies.
 - c. A technology-driven approach aimed at replacing traditional governance structures with automation.
 - d. None of these

- 14. Which feature in Microsoft Word allows you to create a mail merge?
 - a. The tool used for managing citations and bibliographies.
 - b. A feature designed for linking and integrating data between documents.
 - c. A dedicated tab that facilitates merging personalized data into templates for letters, envelopes, or labels.
 - d. None of these
- 15. How can you freeze the top row in Excel?
 - a. Insert > Freeze Panes > Freeze Top Row
 - b. Data > Freeze Panes > Freeze Top Row
 - c. Home > Freeze Panes > Freeze Top Row
 - d. View > Freeze Panes > Freeze Top Row
- 16. In Excel, what does the IF function do?
 - a. Sorts data by evaluating a condition and applying a specific order.
 - b. Compares a logical expression and provides customized outputs based on whether the condition is met or not.
 - c. Automatically generates summary statistics for numerical data, such as averages or sums.
 - d. None of these
- 17. Which of the following is defined as an attempt to steal, spy, damage or destroy computer systems, networks or their associated information?
 - a. Cryptography
- b. Computer Security
- c. Cyber Attack
- d. None of these
- 18. A small text file created by a website that is stored in the user's computer temporarily for that session is called ______
 - a. Bug
- b. Cache
- c. Malware
- d. Cookies

- 19. What does KYC stand for in the context of | 26. Which among these is known as 'Black financial cybersecurity?
 - a. Know Your Costumer
 - b. Know Your Cause
 - c. Keep your credit
 - d. None of these
- 20. Which is the world's first computer network?
 - a. ARPANET
- b. ETHERNET
- c. NETSPACE
- d. None of these
- 21. Which ocean lies between Africa and Australia?
 - a. Indian Ocean
- b. Pacific Ocean
- c. Atlantic Ocean
- d. Arctic Ocean
- 22. Who is known as the Father of the White Revolution of India?
 - a. Manohar Bapat
- b. Verghese Kurien
- c. Harsh Vardhan
- d. Rajendra Prasad
- 23. Which desert is the hottest desert in the world?
 - a. Thar Desert
- b. Gobi Desert
- c. Atacama Desert
- d. Sahara Desert
- 24. 'Udbodhana', a magazine, was founded by which prominent figure?
 - a. Jyotirao Phule
 - b. Swami Vivekananda
 - c. Mahatma Gandhi
 - d. Maulana Abul Khan Azad.
- 25. In human beings, what is the primary function of Haemoglobin?
 - a. Carrying nutrients to the cell
 - b. Producing antibodies
 - c. Carrying oxygen from the lungs to the rest of the body
 - d. Removing waste from the cells

- Pagoda'?
 - a. Konark Sun Temple
 - b. Deogarh Temple
 - c. Khajuraho Temple
 - d. Shore Temple
- 27. Which river is the longest river in India?
 - a. Godavri
- b. Yamuna
- c. Narmada
- d. Ganga
- 28. Where are Ajanta Caves located?
 - a. Madhya Pradesh
- b. Gujarat
- c. Maharashtra
- d. None of these
- 29. Which dam in India produces maximum amount of Hydroelectric power?
 - a. Tehri Dam
 - b. Bhakra Nangal Dam
 - c. Hirakud Dam
 - d. Sardar Sarover Dam
- 30. What does an IPO stand for in the stock market?
 - a. Immediate Public Offering
 - b. Initial Public Offering
 - c. International Purchase Offer
 - d. Internal Private Operation
- 31. Which film is selected as the Indian entry for the best International Feature Film for the 97th Academy Awards (Oscars)?
 - a. Maharaja
- b. Fighter
- c. Laapataa Ladies
- d. Kalki: 2898 AD
- 32. Who is the current World Chess Champion?
 - a. Gukesh Dommaraju
 - b. Magnus Carlsen
 - c. Ding Liren
 - d. Arjun Erigaisi

33. 'Impossible is Nothing' is the tagline of which company? a. Puma b. Skechers c. Adidas d. Nike	40. Which state has currently approved a 35% reservation for women in a state government recruitment? a. Odisha b. Madhya Pradesh c. Jharkhand d. Rajasthan	
34. Who is the Chief Minister of Rajasthan? a. Himanta Biswa Sarma b. Bhupendra Patel c. Nitish Kumar d. Bhajan Lal Sharma	41. If DRIVE is coded as 59372, and SPUR is coded as 6489, what will be code for PRIDE? a. 49532 b. 49253 c. 45329 d. 49352	
 35. Who is the new chairman of Tata Trusts? a. Jamshedji Tata b. Noel Tata c. Ratan Tata d. None of these 36.External Affairs Minister S. Jaishankar went to which country for SCO meeting?	42. In a certain code language, 'health is wealth' is written as 'gol hiv lah', 'smile good health' is written as 'tim gol gil' and 'cry is not smile' is written as 'lah vil tan gil'. How will 'wealth' be written in the same code	
a. Sri Lanka b. Brazil c. Pakistan d. Japan	language? a. gol b. lah c. gil d. hiv	
37. Name the cyclone which struck Odisha and West Bengal recently and caused large scale evacuation these states? a. Cyclone Dana b. Cyclone Fani c. Cyclone Hudhud d. Cyclone Phailin	43. The ratio of present ages of Asha and Lata is 5.6. If the difference between their ages is 6 years, then what will be Lata's age after 5 years? a. 45 b. 41	
38. Name of a state that is recited in our National Anthem, which is not in independent India? a. Sindh b. Utkala c. Punjab d. None of these	c. 35 d. 40 44. If 18 October 2006 was Wednesday, ther what was the day of the week on 17 Octobe 2000? a. Tuesday b. Monday	
39. Which Indian player won the maximum medals in Paris Olympics?a. Neeraj Chopra b. Ramita Jindalc. Arjun Babuta d. Manu Bhaker	c. Wednesday d. Friday	

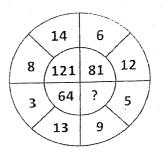
- 45. In a family of 8 persons with two couples, P is the son of Q and brother of R. S is the daughter of M, who is married to R. T is the aunt of S and mother of V. R's nephew W is the son of P and has a sister V. How is V related to M?
 - a. Cousin Sister
- b. Nephew
- c. Daughter
- d. Niece
- 46. In the following letter series, some of the letters are missing which are given in that order as one of the alternatives below it. Choose the correct alternative.

- a. abbba
- b baabb
- c. abbab
- d. bbaba
- Directions (Ques 47 to 49): Read the following information carefully to answer the given questions:

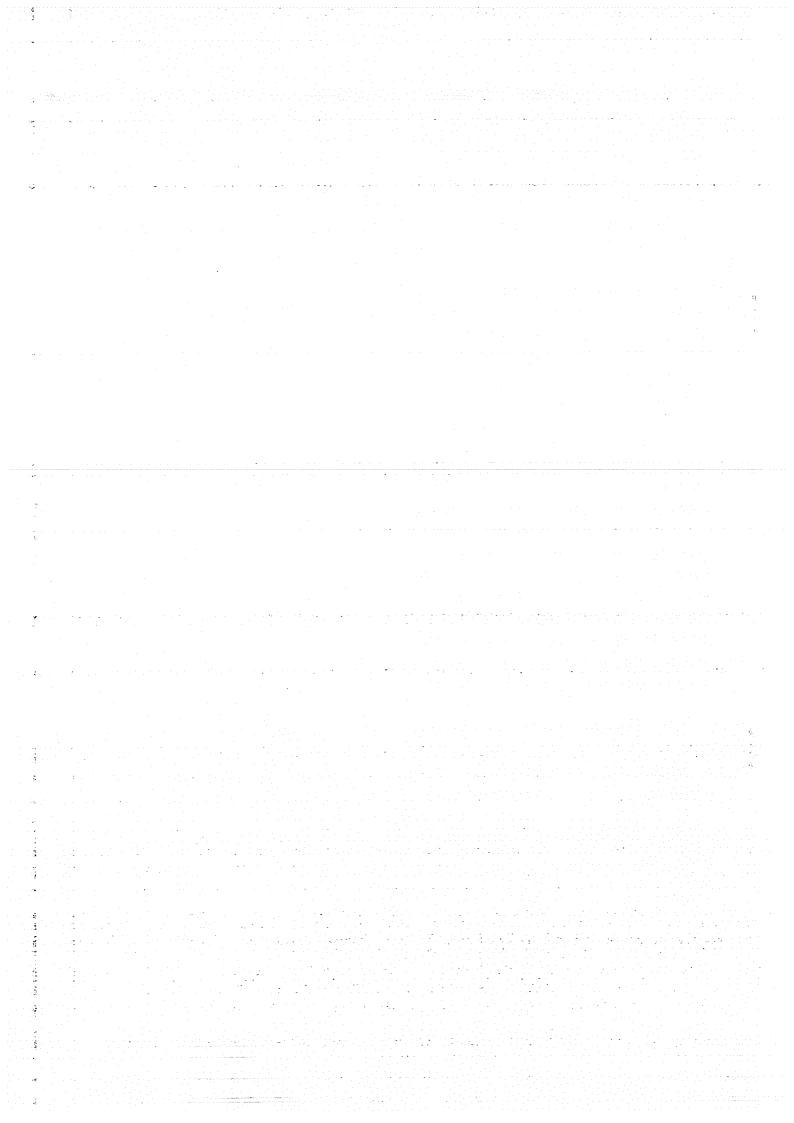
Fifty books belonging to different subjects, viz. History (8), Geography (7), Literature (13), Psychology (8) and Science (14), are placed on a shelf. They are arranged in an alphabetical order subject to the condition that no two books of the same subject are placed together so long as books of other subjects are available. Unless otherwise mentioned, all counting is done from the left.

- 47. Which subject does the 40th book belongs to?
 - a. Science
- b. Psychology
- c. History
- d. Literature
- 48. What is the position of the last book in Psychology?
 - a. 36th
- b 37th
- c. 38th
- d. 39th

- 49. Counting from the right, to which subject does the 39th book belong?
 - a. History
- b. Psychology
- c. Geography
- d. Science
- 50. Find the missing number in the given figure.



- a. 64
- b. 49
- c. 100
- d. 72



ANSWER KEY

Recruitment test conducted on 23/12/2024 for post of <u>Cashier & Clerk-cum-Cashier</u> under Dr. B.R Ambedkar Institute of Medical Sciences, Mohali

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

BABA FARID UNIVERSITY OF HEALTH SCIENCES, FARIDKOT

E.E.G Tech (under Dr B.R. Ambedkar State Institute of Medical Sciences	, Mohali)
QUESTION BOOKLET) MB IMPRESSION OF THE CANDIDATE
OMR ANSWER SHEE	
ROLL NO:	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

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down from the baseline.	A. Signal from axons of the pyramidal cells	
A. Transient	B. Signal from the dendrites of the pyrami	
B. Polyphasic	cells	
C. Paroxysmal	C. Cyton secretions	
D. Monophasic	D. Axon secretion	
2. What pattern is affected by eye-opening and	9. Which wave can help point out the place o	
closing?	brain tumor?	
	A. Alpha waves	
A. Alpha Rhythm	B. Beta waves	
B. Posterior Dominant Rhythm	C. Delta waves	
C. Beta Rhythm	D. Gamma wave	
D. Mu Rhythm	J. Gamma Wave	
3. Electrographic Seizure Pattern on EEG is	10. An EEG for seizure is characterized by	
called as:	A. Low amplitude, high frequency waves	
A. Ictal	B. High amplitude, low frequency waves	
B. Interictal	C. High amplitude, high frequency waves	
C. Sharp transient	D. Low amplitude, low frequency waves	
D. Epileptiform		
	11. What is the term used for portable EEG	
4. What unit is used to describe amplitude?	A. Transport EEG	
A. Kilowatts	B. Personalised EEG	
B. Univolts	C. Ambulatory EEG	
C. Hertz	D. Travel EEG	
D. Microvolts		
	12. The placement of the sensors on the	
5. The frequency of Delta waves is	cranium in order to take EEG is calle	
A. Less than 4 Hertz		
B. Greater than 13 Hertz	A. Montage	
C. 4-7 Hertz	B. Cranial Cap	
D. 8-13 Hertz	C. Electrode Placement	
	D. Electrode Cap	
6. The frequency of the waves acquired when		
the person is in an alert and wakeful state is	13. Indications for clinical EEG assessment of	
	psychiatric patients include:	
A. 4-8 Hz	A. Rule out specific neurological disorders	
B. 8-13 Hz	B. Suspicion of epilepsy	
C. 13 - 30 Hz	C. Pre- and post electroconvulsive therapy	
D. > 30 Hz	D. All of the above	
7. The electrode gel is used to	14. Frequency of sleep spindles:	
A. Reduce skin resistance	A. 10 to 14 Hz	
B. Increase skin resistance	B. 0.5 to 4 Hz	
C. Moisturize the skin	C. 20 to 80 Hz	
in terminal and market production and the control of the control of the <u>control of the control of the control of</u>	D. 4 to 7 Hz	

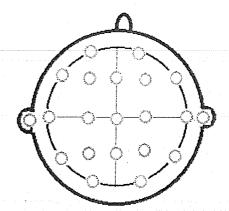
15.	Electroencephalogr	am (EE	G)	rhyt	hm	W	as
first	recorded by:						

- A. William Einthovan
- B. Egas Moniz
- C. Hans Berger
- D. Gaillard L
- 16. The most prominent EEG wave pattern of an awake, relaxed adult whose eyes are closed is:
 - A. Delta
 - B. Theta
 - C. Alpha
 - D. Beta
- 17. EEG pattern in REM sleep is:
 - A. High amplitude, slow waves
 - B. Low amplitude, rapid waves
 - C. High amplitude, rapid waves
 - D. Low amplitude, slow waves
- 18. Certain natural processes interrupt the normal alpha waves. This process is called as alpha block or _____
 - A. Disruption
 - B. Beta introduction
 - C. Asynchronization
 - D. Desynchronization
- 19. Abnormal sleep spindles can indicate
 - A. Cerebral Palsy B. Meningitis
 - C. Epilepsy
- D. Paralysis
- 20. What kind of EEG can be expected in Narcolepsy?
- A. Alpha waves with short bursts of Beta waves
- B. Alpha Waves with short burst of Gamma waves
- C. Alpha Waves with short bursts of sleep spindles
- D. Continuous alpha waves
- 21. Full Form of EEG is

-

- A. Electroencephalogram
- B. Electroencephalography
- C. Electrocardiogram
- D. Electrocardiography

- 22. A standard EEG array consists of how many electrodes:
 - A. 22
 - B. 20
 - C. 19
 - D. 21
- 23. Which are the 2 main types of Montages:
 - A. Bipolar and Referential
 - B. Unipolar and Referential
 - C. Bipolar and Differential
 - D. Unipolar and Differential
- 24. The following is the diagrammatic representation of _____ montage.



- A. 10 20 %
- B. 20 40 %
- C.40 60%
- D.60 80 %
- 25. Electrodes to measure EEG are placed on
 - A. Forehead
- B. Scalp
- C. Cheek
- D. Ears
- 26. According to the international 10/20 system to measure EEG, even number denotes which side of the brain?
 - A. Left
 - В. Тор
 - C. Bottom
 - D. Right

27. Letter F in the EEG electrode placement	35. The frequency of theta waves is
system denotes?	A. Less than 4 hertz
A. Front	B. Greater than 13 hertz
B. Face	C. 4-7 Hertz
C. Frontal lobe	D. 8-13 Hertz
D. Fast	
	36. What is the name of the three protective
28. Normal EEG frequency range is	membranes that cover and protect the brain?
A. 50-500Hz	A. Cerebral Spinal Fluid
	B. Meninges
B. 0.5-50HZ	C. Cortex
C. 0.05-5Hz	D. Viscera
D. 1-200Hz	
	37. If an electrode is placed on F3, where would
29. Disturbance in the EEG pattern resulting	it be placed:
from the external stimuli is called	
A. Provoked response	A. Frontal lobe, right side
B. Crocked response	B. Frontal lobe, left side
C. Evoked response	C. Temporal lobe, Right side
D. Impulse response	D. Temporal lobe, Left side
30. Which rhythm is the principal component of the EEG that indicates the alertness of the brain? A. Theta rhythm B. Gamma rhythm	38. What is the order of EEG waves in terms of frequency from high to low. A. Alpha,Beta,Gamma,Theta,Delta B. Beta, theta,Delta, Alpha,Gamma C. Gamma, Beta, Alpha,Theta,Delta
C. Beta rhythm D. Alpha rhythm 31. The letter T in the EEG electrode placement system denotes?	D. Theta, Beta, Gamma, Alpha, Delta 39. Which of the following is true of EEG
A. Temporal lope B. Temper lobe C. Trace D. Timpanic	recordings? A. EEGs are usually recorded while the person walks on a treadmill.
32. According to the international 10/20 system	B. EEGs require that a dye be injected into the brain.
to measure EEG, odd number denotes which	C. EEGs are always recorded using less than six
side of the brain?	electrodes.
A. Left B. Right C. Top D. Front	D. None of the other statements are true of EEGs.
33. A wave that has 2 or more components of a different direction. A. Diphasic B. Ictal C. Monophasic D. Polyphasic	40. Which wave would represent light sleep: A. Theta – B. Alpha C. Beta D. Delta
34. Regular waves that are similar to sine waves. - A. Transient B. Polyphasic - C. Ictal D. Sinusoidal	 41. Stage 2 sleep is defined by the presence of: A. spikes and slow waves B. sleep spindles and K complexes. C. rapid eye movements. D. 1- to 2-Hz delta frequencies.

 $\hat{N} = \frac{1}{r}$

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42. When people are attentive to an external	47. Sharply contoured waveforms that are
stimulus or are thinking hard about	judged to be abnormal are called:
something, the alpha rhythm is replaced by	A. Ictal
A. Delta B. Theta	B. Interictal
C. Alpha D. Beta	C. Epleptiform
	D. Sharp transient
43. The peak to peak amplitude of the waves	
that can be picked from the scalp is	48. A wave that has 2 or more components of a
	different direction is called:
a) 100Mv b) 100V	A. Polyphasic
c) 100uV d) 10mV	B. Monophasic
44. Which rhythm is the principal component of	C. Diphasic
the EEG that indicates the alertness of the	D. lctal
brain?	
a) theta rhythm	
b) gamma rhythm	49. High amplitude slowing can be elicited by:
c) beta rhythm	A. Hyperventilation, closing of eyes
d) alpha rhythm	B. Arousal, Drowsiness
	C. Hyperventilation, Drowsiness
45. Which of the following are physiological	D. Drowsiness, Photic Stimulation
artifacts on EEG:	
A. Cardiac	50. Subdural and intracerebral stereotactic EEG
B. Respiratory	(SEEG) is used in
C. Muscle related	A. Presurgical evaluation of drug resistant
D. All of the above	focal epilepsy
	B. Routine evaluation of patients with
46. What is standard electrode placement	seizures
system of EEG :	C. None of the above
A. 20- 30 B. 20-25	D. All of the above
C. 10-20 D. 30-40	in the control of the
in a contraction of the contract	

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ANSWER KEY

Recruitment test conducted on 23/12/2024 for post of <u>EEG Techinian</u> under Dr. B.R Ambedkar Institute of Medical Sciences, Mohali

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