SINDH PRIVATE NURSING INSTITUTES PROVINCE SINDH

BACHELOR OF SCIENCE IN NURSING (BSCN) ACADEMIC SESSION 2024-25



SINDH TESTING SERVICE PAKISTAN

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SAMPLE TEST PAPER PATTERN/CONTENT WEIGHTAGE

برائے مہدربانی ٹیسٹ کی تاریخ اور رول نمب رسلپ کے لئے ایس ٹی ایس کی ویب سائٹ کاوزٹ کرتے رہیں۔

KINDLY KEEP VISITING STS WEBSITE FOR TEST DATE & ADMIT CARD



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Paper Distributions

Total MCQ's	Total Test Time	Test Type
100 (100 Marks) No any Negative Marks	100 Minutes	Paper Based

S.No#	Designation of the Post	Criteria & Subject Divisions	Subject %weight
1.	BSc-Nursing 4 years Generic Program	As per the Advertisement Intermediate (12 years of education qualification) in Pre-Medical from any recognized by the Board.	<mark>100%</mark>
		English (Synonyms/Similar Meanings, Antonyms, fill in the blanks, prepositions, Direct/indirect narrations, Grammar, Vocabulary & Comprehension) etc	20%
		Biology (IX & XII) STB	40%
		Chemistry (IX & XII) STB Physics (IX & XII) STB	20%
		Total MCQ's	100

SAMPLE TEST PAPER

Section-A

ENGLISH

Choose the correct answer of the following statements

		<u></u>
1.		nples of:
	A. Adjective	
	B. Verb	
	C. Preposition	
	D. Adverb	1511
2.	. Teachers of our school are	ranging a welcome party for the students of class first year
	A. Are	
	B. Is	
	C. Am	
	D. Was	183
3.	. It has been rainy morning.	-0-/-
	A. Since	
	B. For	
	C. With	\C\
	D. From	

- 4. A mobile is (on) the table:
 - A. Noun
 - B. Pronoun
 - C. Adverb
 - **D.** Preposition

Choose the correct sentences of direct/indirect narration.

- 5. She said, "I have done my home work"
 - **A.** She told that she had done his home work
 - **B.** She told that she has done her home work
 - C. She told that she was done her home work
 - **D.** She told that she had done her home work

Choose the correct option for underlined words.

- 6. Uneasy lies the head that wears a crown.
 - A. Noun
 - B. Pronoun
 - C. Verb
 - **D.** Preposition

Choose the word similar in meaning to the capitalized one:

- 7. TREMBLING:
 - A. Shiver
 - B. Tear
 - C. Scribble
 - D. Fear

8. REVERING:

- A. Reversing
- B. Paying respect to
- C. Referring
- D. All of these
- 9. Choose the correct spelling from the following.
 - A. Committee
 - B. Committee
 - **C.** Commite
 - D. Commetee

10.

A. Malencholy

C. Melancholly

B. Melancholy

D. Meloncholy

Choose the lettered word or phrase that is most nearly opposite in meaning to the given word.

11. PLAINTIVE:

- A. Blight
- B. Clear
- C. Sorrow
- **D.** Straight

12. EXPEDIENT:

- A. Suitable
- B. Discarding
- C. Looking forward to
- D. None of these

Identify the word or phrase that needs to be changed for the sentence to be correct:

13. We may not have the opportunaty to meet again in such assembly.

PASSAGE TO COMPREHEND (Questions 14-15 are based on the following passage):

About three-fourths of our earth is covered with water. The rivers and oceans of the world are full of fishes. These fishes are an important source of our food, and millions of people are engaged in catching fish. This is not just a hobby but an occupation and a flourishing trade. The fishermen sometimes work individually in their small boats and sometimes work together on large boats with machinery needed to catch fish from deep waters. They stay at sea for days and even weeks and return with tons of fish. These ships have proper arrangements for storing the fish so that "catch" is not spoilt before reaching the market.

14. How much of the world is covered with water?

- **A.** Its quarter
- B. Half
- C. than half
- D. Three quarters

15. Why fish is important?

- A. Source of food
- **B.** It is a hobby
- C. It is an occupation
- **D.** All of above

Section-B

BIOLOGY

16. Some bacteria transfer genetic material from a donor ba	acterium to a recipient during a process called.
A. Transformation	C. Binary fission
B. Conjugation	D. Parasexuality
17. Bloom forming organism	
A. Bacteria	C. Monerans
B. Cyanobacteria	D. Protists
18. The cells of cartilage are called:	
A. Chondrocytes	C. Osteo clast
B. Osteocytes	D. Collagen
19. The skeletal system out-side the body is called:	
A. Endoskeleton	C. Hydrostatic Skeleton
B. Exoskeleton	D. Both a and b
20. Number of bones in both feet is:	
A. 54	C. 108
B. 126	D. 22
21. Vocal cards are present in:	
A. Larynx	C. Nasal cavity
B. Trachea	D. Pharynx
22. Where the sperms of rabbit are produced?	7
A. Prostate gland	C. Seminiferous tubules
B. Collecting ducts	D. Cowper's gland
23. The simple and most common way of asexual reproduct	ion in bacteria:
A. Multiple fission	C. Budding
B. Regeneration	D. Binary fission
24. Inside testes, sperms are produced in:	
A. Vas deferencs	C. Seminiferous tubules
B. Collecting Duct	D. Sperm Duct
25. The location of position of genes on chromosomes is cal	led.
A. Phenotypes	C. Loci
B. Alleles	D. Genotype
26. Chromatin material is made of:	
A. RNA	C. DNA and Protein
B. Protein	D. DNA
27. The specific combination of genes in an individual is call	ed.
A. Phenotype	C. Karyotype
B. Phenoopy	D. Genotype
28. The temperature of which an enzyme works at its maxir	num rate
A. Minimum Temperature	C. Medium Temperature.
B. Maximum Temperature.	D. Optimum temperature
29. The enzyme that digests the lipids into glycerol and fatte	y acids
A. Lipase	C. Amyse
B. Biocatalyst	D. Substrate
30. Earthworm belongs to kingdom?	
A. Plantae	C. Animalia

D. Protoctista

STS-SAMPLE TEST PAPER

B. Prokaryotae

Section-C

CHEMISTRY

	-grams of protein can give average energ		
	4 calories		8 calories
В.	9 calories	D.	18 calories
32. V	Which of the following is ketose sugar:		
	Glucose	C.	Fructose
В.	Threose	D.	B and C
33. C	Oligosaccharides contain monosac	charide	units:
	1-5		12-20
	2-10		Only two
34. lı	n amylopectin ∝ D(+) Glucose units are jo	oined by	glycosidic linkage:
	1:4	C. 1:6	
	1:2	D. A a	
	ncorrect among following is:		102
Α.	Glucose + fructose → sucrose		
В.	Glucose + glucose → maltose		
C.	Glucose + galactose → lactose		
D.	fructose + galactose → lactose		
36. C	close chain of glucose represented in hex	agonal f	form is called as:
	Pyranose		Furanose
	Levulose	D.	All of these
37 A	as amino acids that are not synthesized b	v our b	ndy are called:
Α.	Acidic	-	eutral
В.			sential
	among following which is not main source		
Α.	Beans	C.	Potatoes
В.	Milk and eggs	D.	Meat
39. V	Vater soluble vitamin among following is	5:	
A.	В	C.	E
В.	K	D.	A
40. V	Which of the following is not a function o	f amino	acid:
	Synthesize protein		
В.	Convert into hormones		
C.	Provide energy with oxidation		
D.	Stored in body as glycogen		
41. T	hose substances which give hydroxyl ior	ns in wa	ter are called?
A	A. Acid	C.	Salts
	Base		Alaklies
42. T	he value of Avogadro's number is:		
Λ	6.022v1024	_	6.022×1023
	6.023x10 ²⁴		6.023x10 ²³
В.	6.023×10^{26}	υ.	6.023x10 ²⁰

43. Match the correct:

	Column I		Column II
A.	Na ₂ CO ₃	i.	Epsom salt
В.	MgSo ₄ .7H ₂ O	ii.	Plaster of pairs
C.	Na ₂ CO ₃ .10H ₂ O	iii.	Bleaching powder
D.	CaOCl ₂	iv.	Soda Ash
E.	CaSO ₄ . ¹ / ₂ H ₂ O	V.	Washing soda

- **A.** (A) (V), (B)(ii), (C)(iii), (D)(i), (E) (iv)
- **C.** (A) (iV), (B)(V), (C)(iii), (D)(ii), (E) (i)
- **B.** (A) (iV), (B)(i), (C)(V), (D)(iii), (E) (ii)
- D. (A) (i), (B)(ii), (C)(iii), (D)(iV), (E) (V)

44. The structure of ethyne is:

A. Angular

C. Linear

B. Trigonal

D. Trigonal planar

- 45. e/m ratio of electron is.
 - **A.** 1.758×10^7 C/kg
 - **B.** $1.758 \times 10^8 \text{ C/g}$

- **C.** $1.758 \times 10^{11} \text{ C/g}$
- **D.** $1.758 \times 10^{-11} \text{ C/g}$

Section-D

PHYSICS

46. Volt-second are the units of:

A. Potential gradient

- C. Rate of changes of flux
- B. Magnetic field strength
- D. Magnetic flux

47. Step down transformer:

A. Increase current

C. Increase power

B. Decrease current

- D. Decrease power
- 48. The inductance of a coil of 400 turns is 4 mH. The magnetic flux through each turn of the coil when the current following through it is 5 mA:
 - **A.** $0.1 \mu wb$

C. 0.6*μwb*

B. $0.05 \, \mu wb$

- **D.** $0.5 \mu wb$
- 49. In a D.C motor; if the back emf is half of the applied battery voltage then the current at that instant is:
 - A. Maximum

- C. Minimum
- B. Half of the maximum value
- D. Half of the minimum value
- 50. Which of the following is generated first?
 - A. Induced emf

C. Both at the same time

B. Induced current

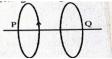
- **D.** Depends upon conditions
- 51. If the current passing through a coil of inductance 5H decreases at the rate of 2A/s, the induced emf in the coil is:

A. 2.5 V

C. 4.5 V

B. 10 V

- **D.** 6.5 V
- 52. Two circular loops P and Q are placed with their planes parallel to each other. A current is flowing through P. If this current is increased, then:



- A. The loops will attract each other
- B. The loops will repel each other
- C. The loops will neither attract nor repel each other
- D. Loop Q will start rotating
- 53. If rate of change of flux linking with a coil is doubled then emf induced in the coil is:
 - A. Halved

C. Constant

B. Doubled

- D. Increased by four times
- 54. The emf induced in a coil of wire which is rotating in a magnetic field does not depends upon:
 - **A.** The angular speed of rotation
- **C.** Area of coil
- B. The number of turns of coil
- **D.** Resistance of coil
- 55. The number of turns in a secondary coil is twice the number of turns in primary coil. An a.c source of 200 v is connected across the primary. The voltage across secondary is:
 - **A.** 440 V

C. 200 V

B. 100 V

- **D.** 400 V
- 56. The rate of which a single conductor should cut the flux in order that a current of 1.2 mA is induced in a conductor when 10 Ω resistor is connected across its ends is:
 - **A.** $1.2 \times 10^{-3} wb/s$

C. $1.2 \times 10^{-4} wb/s$

B. $1.2 \times 10^{-2} wb/s$

- **D.** $12 \times 10^{-2} wb/s$
- 57. Which one of the following is also refereed as electrical inertia?
 - A. Magnetic flux

C. Flux density

B. Mutual inductance

- D. Self-inductance
- 58. Choose correct about the commutator:
 - A. Keeps the direction of current same in D.C generator
 - B. Reverses the current in the D.C motor after each half revolution
 - C. Reverses the torque after each half revolution in D.C motor
 - **D.** Both A and B
- 59. What is the condition of an electromagnetic induction?
 - A. There must be a relative motion between the coil of wire and galvanometer
 - B. There must be a relative motion between the galvanometer and a magnet
 - C. There must be a relative motion between the galvanometer and generator
 - **D.** There must be a relative motion between the coil of wire and a magnet
- 60. A galvanometer has a resistance of 50 ohms, and gives full scale deflection for potential difference of 150mv. If the galvanometer is to be converted into an ammeter reading upto 4A. What should be the resistance of the parallel resistor used?
 - **A.** 0.037Ω

C. 0.036Ω

B. 0.035Ω

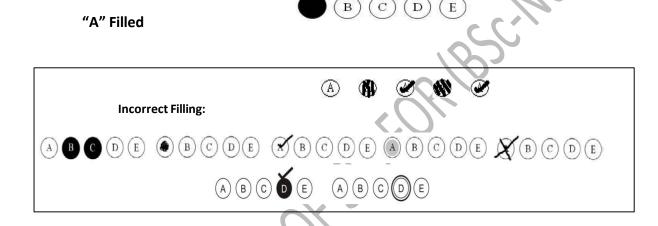
D. 0.034Ω

SAMPLE TEST PAPER

HOW TO FILL THE ANSWER SHEET?

One page printed Answer Sheet is provided to answer the questions. USE ONLY BALL PEN (BLACK/BLUE) TO SHADE/FILL THE CIRCLES.

How to fill an Answer: Answer sheet contains five circles containing five options of answer for one questions, containing alphabets from A to E inside, against each question number. The candidate has to completely shade/fill one circle that s/he thinks is correct. For example the candidate feels that the correct answer of the given question is 'A', then s/he may shade/fill the circle containing alphabet 'A' with ball pen like this:



Personal Data on Answer Sheet

The Answer Sheet contains personal data of candidate on the top of the sheet. It has candidates'. NAME, FATHER NAME and ROLL NO. The candidate is required to critically check these fields and sign in the required space. If any field of personal information is found in-correct the candidate MUST inform the invigilator present around.

Write down your Question booklet No. given on the right top corner of the Question booklet in the column of "Question book No".

Fill the circle "color of your question book". Fill the right circle otherwise you will confuse the marking process which can have negative effects.

Thank You

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	2	A	$^{\textcircled{B}}$	©	(D)	22	A	$^{\odot}$	©	(D)	42	A	$^{\textcircled{B}}$	©	D	62	A	$^{\textcircled{B}}$	©	D	8	32	A	$^{\odot}$	©	D	
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