ਬਾਬਾ ਫਰੀਦ ਯੂਨੀਵਰਸਿੱਟੀ ਆੱਫ ਹੈਲਥ ਸਇੰਸਜ, ਫਰੀਦਕੋਟ

03.ਬੀ.ਐਫ. ਯੂ. ਐਚ. ਐਸ./2023/*8੫੫*

ਮਿੱਤੀ: /3/08/2023

ਜਨਤਕ ਨੋਟਿਸ

ਬਾਬਾ ਫਰੀਦ ਯੁਨੀਵਰਸਿੱਟੀ ਆੱਫ ਹੈਲਥ ਸਾਇੰਸਿਜ, ਫਰੀਦਕੋਟ ਵੱਲੋਂ BSc. Nursing (PPMET-2023) ਦੇ ਦਾਖਲਿਆਂ ਲਈ ਮਿੱਤੀ 13-08-2023 ਦਿਨ ਐਤਵਾਰ (Sunday) ਨੂੰ ਪ੍ਰਵੇਸ਼ ਪ੍ਰੀਖਿਆਂ ਪੰਜਾਬ ਦੇ ਵੱਖ- ਵੱਖ ਜਿਲਿਆਂ ਵਿੱਖੇ ਪ੍ਰੀਖਿਆਂ ਕੇਂਦਰ ਬਣਾ ਕੇ ਕਰਵਾਈ ਗਈ ਸੀ। ਇਸ ਪੇਪਰ ਦੀ Answer Key/Question Booklet ਯੁਨੀਵਰਸਿੱਟੀ ਦੀ ਵੈਬ ਸਾਈਟ www.bfuhs.ac.in ਤੇ ਅਪਲੋਡ ਕਰ ਦਿੱਤੀ ਗਈ ਹੈ, ਜੇਕਰ ਕਿਸੇ ਵੀ ਉਮੀਦਵਾਰ ਨੂੰ Answer Key ਸਬੰਧੀ ਕੋਈ ਇਤਰਾਜ ਹੋਵੇ ਤਾ ਉਹ ਉਮੀਦਵਾਰ ਆਪਣੀ login id ਤੇ ਆਪਣਾ ਇਤਰਾਜ ਮਿੱਤੀ 15-08-2023 ਤੱਕ ਜਮਾਂ ਕਰਵਾ ਸਕਦੇ ਹਨ। ਇਸ ਤੇ ਇਲਾਵਾ ਕਿਸੇ ਹੋਰ email id ਤੇ ਜਾਂ ਕਿਸੇ ਹੋਰ ਤਰੀਕੇ ਨਾਲ ਕੀਤਾ ਗਿਆ ਇਤਰਾਜ ਵਿਚਾਰਿਆ ਨਹੀ ਜਾਵੇਗਾ।

ਉਪਰੇਕਤ ਦਿੱਤੇ ਗਏ ਸਮੇਂ ਤੋਂ ਬਾਅਦ ਵਿੱਚ ਪ੍ਰਾਪਤ ਹੋਏ ਇਤਰਾਜ ਵਿਚਾਰੇ ਨਹੀਂ ਜਾਣਗੇ ਅਤੇ ਪ੍ਰਾਪਤ ਹੋਏ ਇਤਰਾਜਾਂ ਦਾ ਨਿਪਟਾਰਾ ਕਰਨ ਤੋਂ ਬਾਅਦ ਉਪਰੋਤਕ ਪੀਖਿਆ ਦਾ ਨਤੀਜਾ ਘੋਸ਼ਿਤ ਕੀਤਾ ਜਾਵੇਗਾ।

ਨੇਟ: ਡਾਕ ਰਾਹੀ ਪ੍ਰਾਪਤ ਹੋਏ ਇਤਰਾਜ ਪ੍ਰਵਾਨ ਨਹੀ ਕੀਤੇ ਜਾਣਗੇ।

FARIDKOT IN

ਰਜਿਸਟਰਾਰ

	ANSWE	R KEY PPMET 2023	BFUHS
1	A	51	С
2	D	52	_ c
3	Α	53	D
4	С	54	В
5	С	55	D
6	D	56	D
7	С	57	С
8	C	58	В
9	A	59	С
10	С	60	С
11	A	61	Α
12	A	62	С
13	D	63	D
14	В	64	В
15	D	65	В
16	D	66	В
17	A	67	C
18	Â	68	A
19	D	69	
XUXXXX			D C
20	D	70	
21	D	71	В
22	В	72	С
23	D	73	Α
24	A	74	В
25	A	75	A
26	D	76	D
27	A	77	В
28	В	78	С
29	A .	79	D
30	A	80	A
31	В	81	В
32	В	82	D
33	В	83	D
34	С	84	В
35	С	85	Α
36	В	86	С
37	A	87	D —
38	A	88	Α
39	A	89	D
40	A	90	D
41	D	91	Α
42	В	92	D
43	С	93	С
44	В	94	В
45	D	95	Α
46	В	96	D
47	Α	97	A
48	С	98	Α
49	В	99	В
50	В	100	D



BABA FARID UNIVERSITY OF HEALTH SCIENCES, FARIDKOT

BSc. NURSING (PPMET) 2023	
QUESTION BOOKLET NO	
OMR ANSWER SHEET NO	THUMR IMPRESSION OF THE CANDIDATE
ROLL NO:	FULL SIGNATURE OF THE CANDIDATE
FULL SIGNATURE OF INVIGILATOR	TULL SIGNATURE OBSERVER

Time Allowed: 2.00 Hours (11.00 AM to 1.00 PM)

Maximum Marks: 400

1. Use BLACK FINE TIP BALL PEN only. Use of pencil is not allowed.

- 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
- 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.

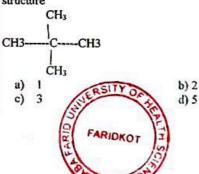
- 5. There are 100 objective type questions in all of 4 Marks each. Before attempting the questions, check that the Question-booklet is complete. In case any question/part of question or page is missing, inform the Centre Superintendent within 5 minutes of the start of the examination. After that no 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 @ 1 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.
- 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.
- 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.
- 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 1.00 PM.



- 1. Barriers of communication are except
 - Lack of privacy
 - 6) Speech defects
 - Peaceful environment c)
 - d) Lack of interest
- 2. An agent that has the power to kill bacteria
 - a) Antiseptic
 - 1) Bacteriostasis
 - c) Bacteriostat
 - d) Bacteriocide
- The important aspect o aseptic techniques is
 - al Hand washing
 - 6) Gown techniques
 - c) Use mask
 - d) Use of gloves
- 4. An agent which kills pathogenic bacteria is called
 - Fomite
 - 6) Asepsis
 - c) Disinfectant
 - Bacteriostat
- 5. Most reliable method of measuring body temperature is
 - a) Oral
 - b) Axillary
 - Rectal c)
 - d) Elbow
- Digestion word means
 - Burning of food
 - 6) Oxidation of food
 - c) Hydrolysis of food
 - d) Breakdown of food
- 7. Arthritis is the disease of
 - Skin a)
 - b) Kidney'
 - joints c)
 - d) liver
- 8. The meaning of barrier nursing is
 - a) to destroy pathogens
 - b) to develop resistance against pathogen
 - c) to restrain pathogen to a known limited space
 - None of the above d)
- 9. Which out the following does not help in disinfecting water?
 - Filtration a)
 - b) Chlorine tablets
 - c) Alum
 - d) Boiling
- 10. Which of the following is a recommended method for sterilizing surgical instruments?
 - Wiping with alcohol 2)
 - b) Cleaning with soap and water
 - c) Autoclaving
 - Soaking in disinfectant solution d)
- 11. The process of conversion of excess of carbohydrates into fat is known as
 - Lipogenesis 2)
- b) Glycogenolysis
- Glycogenesis
- d) None of these

- 12. The keratomalacia is caused due to the deficiency of
 - Vitamin A
- b) Vitamin B1
- Vitamin B12
- d) Vitamin K
- 13. Calcium deficiency in the body occurs in the absence of
 - a) Vitamin B
- b) Vitamin E
- c) Vitamin C d) Vitamin D
- 14. Which part of the brain is associated with hearing?
 - Occipital lobe
 - Temporal lobe 6)
 - Parictal lobe c)
 - Frontal lobe
- 15. Goitre occurs because of deficiency of which substance in
 - a) Sodium
- b) Magnesium
- c) Calcium
- d) Iodine
- 16. Which of the following is not a Bbiomedical waste?
 - a) Animal waste
- b) Microbiological waste
- c) Chemical waste
- d) Domestic waste
- 17. The upper chambers of heart are known as
 - Atria a)
 - Ventricles 6)
 - SA node c)
 - d) AV node
- 18. O positive blood group not available in blood bank, which blood group may be given to patient
 - Negative
- b) AB positive
- A positive
- d) B Positive
- 19. Which of the following area has the lowest chance of producing a biomedical waste?
 - Hospitals
- b) Clinics
- Laboratories c)
- d) Agricultural land
- 20. Which of the following nutrients helps for tissue repair?
 - Vitamin a) carbohydrate
- b) Fat d) Protein
- 21. Oxidation number of Mn in KMnO₄ b) + 5
 - a) +6 c) +4
- d) + 7
- 22. What is the IUPAC name of the following

- a) 3-methylpentane
- b) 2-methylhexane
- c) 3-methylhexane
- d) 5-methylhexane
- 23. Which of the following is/are type(s) of hydrocarbon
 - a) saturated hydrocarbons
 - b) unsaturated hydrocarbons
 - c) aromatic hydrocarbons
 - d) all of the above
- 24. What is the number of 4° carbon atoms present in the structure



1

- 25. The molality of a solution having 18g of glucose (molecular weight = 180) dissolved in 500g of water is:
 - a) 0.2 m

b) 0.1 m

c) 2.2m

- d) 0.5 m
- 26. The Van't Hoff factor (i) for a dilute aqueous solution of the strong electrolyte barium hydroxide is:
 - a) 0

b) 1

c) 2

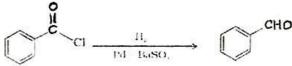
- d) 3
- 27. Standard electrode potentials of three metals X,Y, Z are 0.52V, -2.87 V and -0.44 V respectively. The reducing power of these metals are
 - a) $Y > Z \ge X$
- b) X > Y > Z
- c) X > Z > Y
- d) Y > X > Z
- 28. The rate constant has unit s⁻¹. The order is:
 - a) 0

6) 1

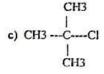
c) 2

- d) 3
- 29. The oxidation numbers of Ni in [Ni (CO)₄] and [Ni (CN₄)]² respectively are
 - a) 0 and +2
- b) 0 and -2
- c) +2 and 0
- d) 0 and 0
- All substances that conduct electricity in aqueous solutions are called
 - a) electrolytes
- b) acids
- c) buffers
- d) catalyst
- 31. The most common oxidation state of lanthanide is:
 - a) +4 c) +6

- b) + 3
- d) +2
- 32. What happens when chloroform is left open in air in the presence of sunlight?
 - a) explosion takes place
- b) phosgene, a poisonous gas is formed
 - c) polymerization takes place
 - d) no reaction takes place
- 33. Wood spirit is known as
 - a) ethanol
- b) methanol
- c) propanol
- d) none of these
- 34. This reaction is called?



- a) Etard's reaction
- b) Stephen reaction
- c) Rosenmund reduction
- d) Gatterman Koch reaction
- Which one of the following alkyl halides has the lowest boiling point
- a) CH3 -CH2--CH2--CH2CI
- b) CH3—CH—CH2—CI | | CH3



d) CH3--CH2--CH2--CH2CI



- 36. Which of the following formulae is correct for alkene
 - n) C. Harr
- b) C_n H_{2n}
- c) C, H2n 1
- d) Cn H2n-2
- 37. Which one of the following is not a primary amine:
- a) CH3 NH---CH3
- b) CH3---CH2---NH2
- e) CH3---CH2---CH3



- Hinsberg's reagent is used to distinguish between
- a) amines
- b) alcohols
- c) acids
- d) amides
- 39. Which of the following is not an artificial sweetner?
- a) sucrose
- b) saccharin
- c) sucratose
- d) alitame
- 40. In nucleic acids, the nucleotides are linked by
- a) ester linkage
- b) amide linkage
- c) peptide linkage
- d) glycosidic linkage
- 41. Which of the following is not a fundamental physical quantity?
 - a) length
- b) mass

c) time

- d) force
- 42. At resonant frequency the impedence in series LCR circuit is:
 - a) maximum
- b) minimum

c) zero

- d) infinity
- 43. The polarity of induced emf is given by
 - a) Ampere's circuital law
- b) Biot-Savart law
- c) Lenz's law
- d) Fleming's right handrule
- 44. Temperature at which a ferromagnetic material becomes paramagnetic?
 - a) neutral temperature
- b) curie temperature
- c) inversion temperature
- d) critical temperature
- 45. A portion of a conductive wire is bent in the form of a semi-circle of radius r as shown below in figure. At the centre of semicircle, the magnetic induction will be

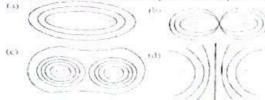


a) zero

- b) infinity
- c) μo / 2π x i/r gauss
- d) μo / 4π x i/r tesla
- 46. A and B are two bulbs connected In parallel. If A is glowing brighter than B, then
 - a) $R_A = R_B$
- b) RA < RB
- c) $R_A > R_B$
- d) none of these
- 47. Which of the following radiations has the least wavelength?
 - a) Gamma rays
- b) X ray
- c) Microwave
- d) Radiowave

2

48. Which of the following figure shows the correct equipotential surface of a system of two positive charges?



- 49. Identify the mismatch in the following
 - a) Myopia concave lens
 - b) for rearview concave mirror
 - c) Hypermetropia convex lens
 - d) Astigmatism cylindrical lens
- 50. A couple produces:
 - a) linear motion
- b) rotational motion
- c) both a and b
- d) neither a nor b
- 51. According to Boolean postulate which is wrong?
 - a) 0+A = A
- b) 0.A-0
- c) $A + \tilde{A} = A^2$
- d) 1.A = A
- 52. In helium nucleus there are
 - a) 2 protons and 2 electrons
 - b) 2 neutron, 12 proton and 2 electron
 - c) 2 proton and 2 neutron
 - d) 2 positron and 2 proton
- 53. If an electron in hydrogen atom jumps from an orbit of level n = 3 to an orbit of level n = 2, emitted radiation has a frequency. (R = Rydberg's constant, C = velocity of light)
 - a) 3Rc /27
- b) Rc/25
- c) 8Rc / 9
- d) 5Rc / 36
- 54. In an AC circuit containing only capacitor (ie, purely capacitive), the current?
 - a) leads the voltage by 180°
 - b) leads the voltage by 90°
 - c) lags the voltage by 90°
 - d) none of these
- 55. The magnetic susceptibility is negative for
 - a) paramagnetic material only
 - b) ferromagnetic material only
 - c) paramagnetic and ferromagnetic materials
 - d) diamagnetic material only
- 56. Match Column I and Column II and choose correct match from the given choices

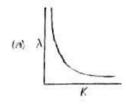
Column II

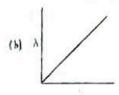
- i) Root mean square speed of gas molecules
- p. 1/3 nmv -2
- ii) pressure exerted by ideal gas
- $q. \sqrt{3RT/M}$
- iii) Average KE of a molecule
- r. 5/2 RT

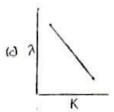
- iv) Total energy of 1 mole of a diatomic gas
- s. 3/2 KBT
- a) i r, ii q, iii p, iv s
 - b) i-r, ii-p, iii-s, iv-q
 - c) i q, ii r, iii s, iv p
 - d) i-q, ii-p, iii-s, iv-r

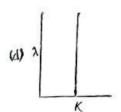


- 57. According to Kepler's law of planetary motion, if T represents time period and r is orbital radius then for two planets these are related as
 - a) $(T_1 / T_2)^{1/2} = r_1 / r_2$
- b) T1/T2 = r1/r2
- c) $(\Gamma_1 / \Gamma_2)^2 = (r_1 / r_2)^2$
- d) $T_1^2/T_2 = r_1^3/r_1$
- 58. Identify the graph depicting variation of the de-Broglie wavelength \(\lambda\) of an electron with its kinetic energy (K)









Which of the following gives the value of magnetic field due to a small current element according to Biot-Savart's law?

$$\frac{d) \mu_0}{4\pi} = \frac{i \Delta I \sin \theta}{r^3}$$

- 60. The average power dissipated in a pure inductor is
 - a) VI-/4
- b) 1/2 VI d) VI2

c) 0

- 61. Which is the primary CO2 fixation product in C3 plants
 - a) PGA

b) PEP

c) OAA

- d) RuBP
- 62. Mach the following
 - 1. Complex II
- i) NADH dehydrogenase
- 2. Complex IV
- ii) cytochrome bc:
- 3. Complex I
- iii) Succinate dehydrogenase
- 4. Complex III
- iv) cytochrome c oxidase
- a) 1 iii, 2 iv, 3 ii, 4 i
- b) 1 iv, 2 iii, 3 i, 4 ii
- c) 1 iii, 2 iv, 3 I, 4 ii
- d) 1 iv, 2 iii, 3 ii, 4 i
- 63.
 - acts as an antagonist to GAs b) ethylene a) auxin
 - c) cytokinins
- d) abscisic acid
- 64. The volume of air that will remain in the lungs after a normal expiration
 - a) IC

b) FRC

c) VC

- d) TLC
- 65. The hepatic portal vein carries blood from intestine to the before it is delivered to the systemic

circulation

- a) heart
- b) liver
- c) kidney
- d) pancreas

ta S a b	Statement 1 : Conditional reabsorakes place in DCT Statement II : Angiotensin II is : () I - Correct, II - incorrect () both are correct () both are incorrect () II - Correct, I - incorrect		a) se c) oc 80. Mos extir a) H	cean it important cause action is abitat loss and fr	b d driving ani) atmosphere) rock	to	
67. T	The condition of Inflammation occumulation of uric acid crysta) Arthritis) gont		c) A d) C	lver exploitation lien species invæ io-extinctions on number 81 to nks		correct word a	ind fill in	
п	Name the visible coloured porti) Iris) Pupil	on of the human eye b) retina d) Comea	a.	shop doesn't sell	new books.	It only sells old	1	1
a b	Glucagon produced by the a cel) hypoglycemic hormone) thyroid hormone) hyper calcemic hormone () hyperglycemic hormone	lls of human pancreas is a	a.	ones some them ou want some app any	oles, l'Il get j	you at t	he shop.	
8	Exinc of pollen grain is made u) hemicellulose) sporopollenin	p of b) cellulose d) pectin	b. c. d.	it one some	3 33 00 S			
a	Chronic disorder affecting lung are damaged is: asthma fibrosis	s in which alveolar walls b) emphysema d) none of these	83. The a. b. c. d.	babysitter will st by for to until	ay there	we get ho	me	
c	Progesterone is essential for the horomorphism progesterium endometrium	b) ectoderm d) perimetrium	525	these balls at for	sale?			
3	dentify the autosomal dominan) myotonic dystrophy colour blindness	nt disorder b) sickle cell anaemia d) thalassemia	c. d. Questic	in to on number 85 to	87 are find	the correct alf	ternative	
a b c d	The unequivocal proof that DN ame from the experiment of (a) Avery, MacLeod and McCarle) Hershey and Chase (b) Meselson and Stahl (b) Maurice Wilkins and Rosalin Heroin is commonly called as	ty		r synonym re Whole Half Kind call		ж		
a) Smack) Marijuana	b) Opioids d) Cocaine	a. b.	Common Endless				
 76. Statement I - Cyclosporin A used as an immunosuppressive agent in organ-transplant patients is produced by the yeast Monascus purpureus. Statement II - Saccharomyces cerevisiae is used for commercial production of ethanol. a) I - Correct, II - incorrect b) both are correct c) both are incorrect d) II - Correct, I - incorrect 			c. d. 87. emo a. b. c. d. Questi words.	foe feeling clear tall on number 88 to	o 89 are find	I the correct of	pposite	
2	The genes cryIAc and cryIIAb o) com borer) lepidopterans	control b) cotton bollworm d) tobacco budworm	88. Arr a. c.	ive depart dismiss		b. future d. sea		•
78. T	The first restriction endonuclear) Barn HI) Hind II	se is b) Hind III d) Pvu I	89, nate a. b. c. d.	ural right release help artificial	G FARI	DKOT OS		4

E10:

Question number 90 to 91 are find the correct one word 90. One who offers his service of his own free will plumber b. architect C. pilot volunteer 91. An official numbering of the population b. politics C. revolution d. democracy Question number 92 to 95 are find the correct word. 92. Which is correct a. Sylabus b. Sillabus C. Silabus d. syllabus 93. Choose the correct word Wulen b. Wolen ¢. Woollen d wollen 94. Which is correct a. Gramar b. Grammar C. Gremer d. grammer 95. Choose the correct word diarrhoea dirrhoca Ь. diehreoa C. d. dairrecha Question number 96 to 97 are fill in the blanks. 96. Have you_ the car? a. washes b. wash did wash C. washed 97. My birthday on a Sunday next year. a. is b. were C. was d. has

Question number 98 to 99 are find the active and passive

The telephone was invented by Bell. The telephone were invented by Bell.

The telephone is invented by Bell.

The telephones is invented by Bell.

Machines were made by man

Machines are made by man Machines are makes by men

Machine is made by man

voice.

b.

C. d.

ь.

C.

98. Bell invented the telephone.

99. Man makes machines.

Question number 100 is find the direct-indirect speech.

- He said, "I am directing a new film."
 - He said that I am directing a new film. b.
 - He said that he is directing a new film.
 - He said that he were directing a new film.
 - He said that he was directing a new film.

