

THE UNIVERSITY OF CHENAB



Department of Allied Health Sciences
BS Nursing (Generic)

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Programs Offered by the Department of Nursing (Allied Health Sciences)	
Degree Name	Degree Details/Eligibility Criteria
Bachelor of Science in Nursing	The Bachelor of Science in Nursing program is of 4-years duration, spread over 8 regular semesters, and consisting of 134 credit hours after completing HSSC/A-levels/Equivalent (12 years of schooling) in Pre-Medical Group with minimum of 50% marks is the basic eligibility for the BSN program



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Multiple Choice Questions

- 1) The main transmitter for synapses that lie outside the central nervous system is:
a) Adrenaline
b) Serotonin
c) Acetylcholine
d) Dopamine
- 2) The first two cervical vertebrae are:
a) Atlas & Axis
b) Lumbar & Sacrum
c) Atlas & Sacrum
d) Lumbar & Coccyx
- 3) Resting membrane potential is:
a) 0.03
b) 0.09
c) 0.08
d) 0.07
- 4) Many plants take on a yellowish hue when they fail to form sufficient chlorophyll in sufficient amounts. This condition is known as:
a) Photosynthesis
b) Chlorosis
c) Dehydration
d) Dehydrosis
- 5) The follicle cells, after release of the egg, are modified to form a special structure called
a) Cervix
b) Progesterone
c) Corpus luteum
d) Liver
- 6) Test cross is a mating in which an individual showing a dominant phenotype is crossed with an individual showing its:
a) Recessive phenotype
b) Heterozygote
c) Heterozygote
d) Dominant phenotype
- 7) The bacterium *E.coli* requires simple organic molecules for growth and energy. it is therefore a:
a) Chemoautotroph
b) Photoautotroph
c) Lithotroph.
d) Chemoheterotroph
- 8) Which one of the following has the cellular components arranged in order of *increasing* size?
a) Amino acid < protein < mitochondrion < ribosome
b) Amino acid < protein < ribosome < mitochondrion
c) Amino acid < ribosome < protein < mitochondrion
d) Protein < amino acid < mitochondrion < ribosome
- 9) The dimensions of living cells are limited, on the lower end by the minimum number of biomolecules necessary for function, and on the upper end by the rate of diffusion of solutes such as oxygen. Except for highly elongated cells, they usually have lengths and diameters in the range of:



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- a) 0.3 nm to 30 nm
b) 0.1 nm to 10 nm
c) 0.1 nm to 10 nm
d) 0.3 nm to 30 nm
- 10) Which of the following term shows involuntary passing of urine?
a) Enuresis
b) Micturition
c) Constipation
d) Bed wetting
- 11) The pH of blood is 7.4 when the ratio between H_2CO_3 and NaHCO_3 is:
a) 1 : 25
b) 1 : 20
c) 1 : 30
d) 1 : 10
- 12) The most active site of protein synthesis is|:
a) Nucleus
b) Ribosome
c) Mitochondrion
d) Cell sap
- 13) According to the Henry Law the solubility of gases increased with-----
a) Increasing temperature
b) Increasing pressure
c) Lowering temperature
d) Decreasing pressure
- 14) The angular acceleration is produced by:
a) Torque
b) Pressure
c) Momentum
d) Power
- 15) Crystalline forms of the same, substance can coexist in equilibrium with each other at its
a) Melting Point
b) Iso-Electric Point
c) Boiling Point
d) Transition Temperature
- 16) Which of the following molecules has a pyramidal structure?
a) CH_4
b) NH_3
c) H_2O
d) C_2H_4
- 17) Which of the following is not regarded as a fundamental quantity in physics?
a) Time
b) Mass
c) Weight
d) Length
- 18) Zero is significant only if it
a) Lies to the right of a significant digit
b) Is between two digits
c) Lies to the left of a significant digit
d) Is before the decimal point
- 19) The dimension of following pair is not the same...
a) Mass and movement of inertia
b) Work and torque
c) Momentum and impulse
d) Work and energy
- 20) Which of the following is homogeneous mixture:
a) Smoke
b) Air
c) Smog
d) Fog



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- 21) This is characterized by severe symptoms relatively of short duration.
- a) Pain
 - b) Syndrome
 - c) Acute Illness
 - d) Chronic Illness
- 22) Electron in its ground state does not?
- a) Radiate energy
 - b) Revolve
 - c) Reside in orbit
 - d) Spin
- 23) Ethane reacts with chlorine in the presence of?
- a) Ether
 - b) Water
 - c) Carbon tetra chloride
 - d) Sunlight
- 24) _____ is a factor related to blood clotting
- a) Vitamin A
 - b) Vitamin K
 - c) Vitamin C
 - d) Vitamin E
- 25) Chemical formula of Urea is?
- a) $\text{NH}_2\text{COONH}_4$
 - b) Na_2CO_3
 - c) NH_2CONH_2
 - d) NH_4CL
- 26) I saw a woman walking (along) the road:
- a) Adjective
 - b) Preposition
 - c) Adverb
 - d) Conjunction
- 27) I have been working in this office the last 7 years.
- a) Since
 - b) For
 - c) Almost
 - d) As long as
- 28) My Father is a man of.....
- a) Principal
 - b) Opposite sense
 - c) Objectives
 - d) Principle
- 29) An adjective is a word used to describe:
- a) Quality of pronoun
 - b) Quality of noun and pronoun
 - c) Quality a preposition
 - d) Quality of a noun
- 30) A word used instead of a noun is:
- a) Adjective
 - b) Verb
 - c) Pronoun
 - d) Article
- 31) India is the east of Pakistan
- a) To
 - b) At
 - c) From
 - d) In



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- 32) A declarative Sentence indicate:
a) Request
b) Wishes
c) Command
d) Statement
- 33) Imperative sentence tells about:
a) Question
b) Command and request
c) Exclamation
d) Wishes
- 34) Optative sentence denote:
a) Question
b) Exclamation
c) Wishes
d) Request
- 35) The jury _____ arguing about the importance of evidence:
a) Was
b) Were
c) Has
d) Have
- 36) Those people _____ in North America are called Red Indian.
a) Lived
b) Lives
c) Has living
d) Live
- 37) The committee _____ handing in their ballots:
a) Were
b) Is
c) Are
d) Am
- 38) The government _____ entitle to collect taxes:
a) Are
b) Am
c) Is
d) Will
- 39) The earth _____ round the sun:
a) Moves
b) Moving
c) Moved
d) Move
- 40) His uncle _____ a mill in this town:
a) Having
b) Have
c) Will have
d) Has
- 41) He _____ out five minutes ago:
a) Went
b) Has gone
c) Had gone
d) Would gone
- 42) It started to rain while we _____ tennis:
a) Are playing
b) Had been playing
c) Were playing
d) Had play



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- 43) Don't disturb me, I _____ my Homework:
- a) Am doing
 - b) Did
 - c) Have done
 - d) Do
- 44) Look! The sun _____ over the hills:
- a) Rises
 - b) Rise
 - c) Was rising
 - d) Is rising
- 45) Every day last week my aunt _____ a plate:
- a) Breaks
 - b) Broke
 - c) Is breaking
 - d) Was broken
- 46) The shop _____ closed before I reached:
- a) Would have been
 - b) Was
 - c) Had
 - d) Has
- 47) I _____ here for the last ten years:
- a) Have been working
 - b) Would have been working
 - c) Has been work
 - d) Had been working
- 48) The headmaster _____ to speak to you:
- a) Wanted
 - b) Wanting
 - c) Was want
 - d) Wants
- 49) I meant to repair the radio, but I _____ time to do it today:
- a) Having
 - b) Am not having
 - c) Had having
 - d) Had
- 50) The student _____ rusticated from the school for his disobedience of rules.
- a) Have been
 - b) Is
 - c) Was
 - d) Has
- 51) Changing 0.56 into fraction gives _____:
- a) $\frac{13}{26}$
 - b) $\frac{8}{35}$
 - c) $\frac{14}{25}$
 - d) $\frac{15}{30}$
- 52) If John starts work at 8:45 am and finishes at 5:15 pm. He has 90 minutes of breaks. How many hours does he work in 5 days?
- a) 35
 - b) 39
 - c) 38
 - d) 40
- 53) 20 % of 2 is equal to:
- a) 20
 - b) 0.2



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- c) $2/20$ d) 0.4
- 54) $\frac{1}{4} + ? = \frac{3}{4}$
a) $\frac{1}{4}$ b) $\frac{2}{3}$
c) $\frac{1}{2}$ d) $\frac{1}{5}$
- 55) Thomas can paint the house in 6 days, while it takes Joe 12 days to paint the same house. How long would it take Thomas and Joe, working together, to paint the house?
a) 6 days b) 5 days
c) 4 days d) 7 days
- 56) If one ream of paper costs \$ 3.95 how much would 4 reams cost?
a) \$15.80 b) \$15.70
c) \$15.72 d) \$15.75
- 57) Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are?
a) 43, 32 b) 46, 30
c) 42, 34 d) 42, 33
- 58) If $8x + 5x + 2x + 4x = 114$, the $5x + 3 =$
a) 12 b) 33
c) 25 d) 47
- 59) A discount of 15% is offered on an item which previously cost \$1.80. What is the discounted price?
a) \$1.55 b) \$1.40
c) \$1.53 d) \$1.52
- 60) When solving the fraction $\frac{2}{4} + \frac{8}{10} + \frac{12}{8}$ it yields _____.
a) 2.9 b) 2.8
c) 2.5 d) 2.9
- 61) What is the next number in the following pattern? 1, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$, _____.
a) $\frac{1}{10}$ b) $\frac{1}{12}$
c) $\frac{1}{14}$ d) $\frac{1}{16}$
- 62) What least number must be added to 1056, so that the sum is completely divisible by 23?
a) 3 b) 2
c) 18 d) **21**
- 63) **Simplify:** $(-2) \times (-6) \times (-7)$
a) 15 b) 84
c) -84 d) -15



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64) What is the missing integer? $-10+17-2+? = 10$

- a) 5
- b) 15
- c) -5
- d) -15

65) Mary has a monthly salary of 1200. She spends 280 per month on food. What percent of her monthly salary does she spend on food

- a) 20%
- b) 21%
- c) 28%
- d) 23%

66) What is the decimal 0.9 written as a fraction?

- a) $1/9$
- b) $9/10$
- c) $1/3$
- d) $3/1$

67) An airplane travel 635 kilometers per hour. How far can it travel in 4 hours?

- a) 1,240 kilometers
- b) 1,840 kilometers
- c) 2,540 kilometers
- d) 4,250 kilometers

68) An aircraft flies 930 miles in 75 minutes. How many miles does it fly in 4 hours 45 minutes assuming a constant speed?

- a) 3534
- b) 3522
- c) 3512
- d) 3477

69) Decompose into partial fractions: $(2x^2 + 6x - 2) / (x^3 - 1)$

- a) $4/(x-1) + 2/(x^2+x+1)$
- b) $3/(x-2) + 4/(x^2+x)$
- c) $8/(x-1) + 3/(x^2+x+1)$
- d) $2/(x-1) + 4/(x^2+x+1)$

70) Solve the equation: $|4x - 2| = 8x - 12$

- a) $X = 2/2$
- b) $X = 5/2$
- c) $X = 5/5$
- d) $X = 7/2$

71) A certain light fixture contains six 75-watt light bulbs. When all bulbs are on, how many watts are being used?

- a) 245 watts
- b) 360 watts
- c) 450 watts
- d) 550 watts

72) Find two numbers whose sum is 26 and whose product is 165?

- a) 11,15
- b) 1,5
- c) 15,25
- d) 10,16

73) How much water should be added to 20 ounces of a 20% acid solution to reduce it to a 10% solution

- a) 10 ounces
- b) 30 ounces
- c) 15 ounces
- d) 20 ounces



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74) A machine can produce 265 items an hour. At this rate, how many items can be produced in 8 hours?

- a) 2,025
- b) 2,120
- c) 1,925
- d) 1,795

75) When reduce $12/60$ it gives _____?

- a) $1/4$
- b) $2/4$
- c) $1/5$
- d) $1/2$

76) The first country which recognized Pakistan after its creation was?

- a) Afghanistan
- b) Saudi Arabia
- c) Iran
- d) Egypt

77) Which Surah was revealed two times once in Makkah and second in Madina?

- a) Fateha
- b) Ghashiya
- c) Alaq
- d) Yaseen

78) If the electrical resistance of a typical substance suddenly drops to zero then the substance is called?

- a) **Insulator**
- b) Semiconductor
- c) Conductor
- d) **Super conductor**

79) How many time has Pakistan won the World Hockey cup?

- a) 2
- b) 4
- c) 3
- d) 5

80) Which one of the following Mughal princes is credited with maintaining an album of Mughal paintings?

- a) Khurram
- b) Farukh Siyar
- c) Dara Shikoh
- d) Yahya

81) Which range separates Pakistan and Afghanistan?

- a) The Hindu Kush
- b) Pamirs Range
- c) Karakoram Range
- d) Kirthar Range

82) Which is the second largest staple food crop in Pakistan?

- a) Wheat
- b) Pulses
- c) Cotton
- d) Rice

83) The national flower of Pakistan is _____.

- a) Rose
- b) Common Jasmine
- c) Sun flower
- d) Lily

84) How many rivers are present in Pakistan?



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- a) 28
c) 24
- b) 25
d) 30
- 85) The first nuclear power plant in Pakistan was established a
- a) Karachi
c) Peshawar
- b) Islamabad
d) Mianwali
- 86) Abdul Sattar Edhi died at the age of:
- a) 84
c) 86
- b) 90
d) 88
- 87) The name of the biggest part of the human brain is _____.
- a) Medulla
c) Cerebrum
- b) Cerebellum
d) Pons
- 88) What is the theme of the 2018 World Food Day (WFD)?
- a) A millennium free from hunger
c) Our Actions Are Our Future
- b) Harvesting nature's diversity
d) Break the Cycle of Rural Poverty
- 89) The greatest fort of Pakistan (Rani kot Fort) is situated near:
- a) Hyderabad
c) Sialkot
- b) Jhelum
d) Taxilla
- 90) The lifespan of White Blood Cells is _____ day(s):
- a) 1 – 5 days
c) 4 – 8 days
- b) 3 – 7 days
d) 5 – 21 days
- 91) In eukaryotes, the nucleus is enclosed by a double membrane called the:
- e) Cell membrane
g) Nucleolus
- f) Nuclear envelope
h) Nucleoplasm
- 92) The world's longest land border between the two countries is the border between:
- a) India and Pakistan
c) US and Canada
- b) US and Mexico
d) South Korea and North Korea
- 93) Which country is the lowest in the world?
- a) Maldives
c) South Africa
- b) Indonesia
d) **Pakistan**
- 94) For a fixed mass of gas at constant temperature, if we decrease volume, the pressure will:
- a) Decrease
c) Remain constant
- b) Steady
d) Increase
- 95) Which great power is located in the north of Pakistan:
- a) Russia
b) China



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- c) India
d) America
- 96) A device which converts chemical energy into electrical energy is called:
a) Motor
b) Generator
c) Battery
d) Meter
- 97) Which Stone is discussed in Holly Quran:
a) Garnet
b) Diamond
c) Saphire
d) White Agate
- 98) Which vitamin not stored in human body?
a) Vitamin E
b) Vitamin A
c) Vitamin D
d) Vitamin C
- 99) The gas, commonly known as “laughing gas”, is:
a) Cabon Dioxide
b) Nitrous Oxide
c) Sulfur Dioxide
d) Sodium Oxide
- 100) In night, when photosynthesis is stopped, plants:
a) Take in Carbon Dioxide
b) Take in Oxygen
c) Give off Carbon Dioxide
d) Give off Oxygen