

N-39

HALL TICKET NO:

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M.B.A (Health Care and Hospital Management)
Entrance Examination – 2017
(75 Marks)

INSTRUCTIONS

- 1. Write your Hall Ticket Number in the OMR Answer sheet given to you. Also write the Hall Ticket Number in the space provided above.*
- 2. The question paper booklet consists of 75 questions. Each question carries one (1) mark.*
- 3. There is negative marking. Each wrong answer carries – 0.33 marks.*
- 4. Answers are to be marked on the OMR sheet following the instructions provided there upon.*
- 5. Hand over OMR answer sheet to the invigilator before leaving the examination hall.*
- 6. No additional sheets will be provided. Rough work can be done in the question paper itself or in the space provided at the end of the booklet.*
- 7. Calculators, mobile phones and electronic gadgets are not allowed.*

Direction for the questions 1 to 5: each of the questions consists of two words that have a certain relationship to each other, followed by four pairs of words. Select the pair of words that has the same relationships as the original pair of words.

1. DEPRESSED: SAD
 - A. Neat : Considerate
 - B. Towering : Cringing
 - C. Progressive : Regressive
 - D. Exhausted : Tired

2. BINDING: BOOK
 - A. Criminal : Gang
 - B. Display : Museum
 - C. Artist : Carpenter
 - D. frame : picture

3. PETAL : FLOWER
 - A. Salt : Pepper
 - B. Tire : Bicycle
 - C. Base : Ball
 - D. Sandals : Shoes

4. EXPLORE : DISCOVER
 - A. Read : Skim
 - B. Research : Learn
 - C. Write : Print
 - D. Think : Relate

5. RAIN : DRIZZLE
 - A. Swim : Dive
 - B. Hop : Shuffle
 - C. Juggle : Bounce
 - D. Run : Jog

Directions for questions 6-10: From The given words, choose a word which means almost the same as the given word.

6. VENT
 - A. Opening
 - B. Stodge
 - C. End
 - D. Past tense of go

7. HARBINGER
 - A. Messenger
 - B. Steward
 - C. Forerunner
 - D. Pilot

8. PRECARIOUS

- A. Cautious
- B. Critical
- C. Brittle
- D. Perilous

9. GERMANE

- A. Relevant
- B. Responsible
- C. Logical
- D. Possible

10. CONNOISSEUR

- A. Ignorant
- B. Love of Art
- C. Interpreter
- D. Delinquent

Direction for Questions 11 to 15: From the given words, choose a word which means the almost opposite as the given word.

11. EXODUS

- A. Influx
- B. Home – coming
- C. Return
- D. Restoration

12. URBANE

- A. Illiterate
- B. Backward
- C. Discourteous
- D. Orthodox

13. VANITY

- A. Pride
- B. Humility
- C. Conceit
- D. Ostentatious

14. ZENITH

- A. Acme
- B. Top
- C. Nadir
- D. Pinnacle

15. FICKLE

- A. Courageous
- B. Sincere
- C. Steadfast
- D. Humble

Direction for questions 16 to 20: Choose grammatically correct option for the following questions.

16. No sooner do the bells ring than the curtain rose.

- A. Did the bell ring
- B. Did the bells ring
- C. Had the bell rang
- D. Had the bell rung

17. As there was no time, the remaining items were deferred into the next meeting.

- A. Are deferred till
- B. Were deferred till
- C. Were deferred to
- D. Had deferred with

18. The intruder stood quietly for few moments.

- A. For few time
- B. For the few moments
- C. For moments
- D. For a few moments

19. They felt humiliated because they realized that they had cheated

- A. Have been cheated
- B. Had been cheated
- C. Had been cheating
- D. Were to be cheated

20. You need not come unless you want to.

- A. You don't need to come unless you want to
- B. You come only when you want to
- C. You come unless you don't want to
- D. You needn't come until you don't want to

Directions for questions 21 to 25: Choose the appropriate word from the following to fill in the blanks.

21. The Speaker pointed a ----- picture of hunger in parts of India.

- A. Chimerical
- B. Passionate
- C. Parsimonious
- D. Poignant

22. Jack Nicholson was at the ----- of his career when he received the Oscar for Best Actor
- A. Detriment
 - B. Pinnacle
 - C. Oligarchy
 - D. Rogue
23. The opposition parties allege that prices of essential commodities are ----- like a runaway balloon
- A. Soaring
 - B. Reviving
 - C. Flying
 - D. Leaping
24. The accused ----- having made any statement.
- A. Refused
 - B. Rejected
 - C. Declaimed
 - D. Denied
25. Sohan failed in the examination because none of her answers was ----- to the questions asked
- A. Revealing
 - B. Allusive
 - C. Referential
 - D. Pertinent
26. The sum of the present ages of a son and his father is 60years. Six years ago, father's age was five times the age of the son. After 6 years, what will be son's age?
- A. 23 years
 - B. 22 years
 - C. 21 years
 - D. 20 years
27. At present, the ratio between the ages of Sahu and Ravi is 4:3. After 6 years, Sahu's age will be 26 years. Find out the age of Ravi at present?
- A. 15 years
 - B. 14 years
 - C. 13 years
 - D. 12 years

28. Given the H.C. F of two numbers as 7 and their L.C.M as 210. If one of the numbers is 35, find the other.
- A. 32
 - B. 42
 - C. 52
 - D. 62
29. Three big drums contain 36 liters, 45 liters and 72 liters of oil. What is the biggest measure which can measure all the different quantities exactly?
- A. 9 liters
 - B. 10 liters
 - C. 11 liters
 - D. 12 liters
30. 65% of a number is 21 less than $\frac{4}{5}$ of that number. Find the number.
- A. 140
 - B. 130
 - C. 120
 - D. 110
31. The population of a town is 176400. It increases annually at the rate of 5% p.a. What will be its population after 2 years?
- A. 194481
 - B. 294481
 - C. 394481
 - D. 494481
32. If the mean of 5 observation z , $z + 2$, $z + 4$, $z + 6$ and $z + 8$ is 11, then the mean of the last three observation is?
- A. 11
 - B. 13
 - C. 15
 - D. 17
33. A museum has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is?
- A. 276
 - B. 280
 - C. 285
 - D. 250

34. Out of 9 persons, 8 persons spent Rs. 30 each for their meals. The ninth one spent Rs. 20 more than the average expenditure of all the nine. The total money spent by all of them was?
- A. Rs.290
 - B. Rs.260
 - C. Rs.292.50
 - D. Rs.400.50
35. By selling 33 meters of cloth, one gains the selling price of 11 meters. Find the gain percent.
- A. 50%
 - B. 45%
 - C. 40%
 - D. 60%
36. A man bought chocolates at 3 for a rupee. How many for a rupee should he sell to make a profit a 50%.
- A. 1
 - B. 2
 - C. 1.5
 - D. None of these
37. A shop-keeper sells chocolates at a profit of 20% for Re 60. What will be the percentage loss or gain if he reduces the price to Re 55 due to less demand.
- A. 11%
 - B. 11%
 - C. 10%
 - D. 10%
38. An uneducated retailer marks all his goods at 50% above the cost price and thinking that he will still make 25% profit, offers a discount of 25% on the marked price. What is his actual profit on the sales?
- A. 10%
 - B. 12.50%
 - C. 11.50%
 - D. 12%
39. In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was:
- A. 2500
 - B. 2700
 - C. 2900
 - D. 3100

40. If each side of a square is increased by 25%, find the percentage change in its area?
 A. 65.25
 B. 56.25
 C. 65
 D. 56
41. What is a percent of b divided by b percent of a?
 A. a
 B. b
 C. 1
 D. 10
42. The difference between 42% of a number and 28% of the same number is 210. What is 59% of that number?
 A. 630
 B. 885
 C. 420
 D. 900
43. A clock is started at noon. By 10 minutes past 5, the hour hand has turned through
 A. 145°
 B. 152°
 C. 140°
 D. 155°

Directions for questions 44 to 48: Study the following table and answer the questions given below:

A school has four sections A, B, C, D of Class IX students. The results of half yearly and annual examinations are shown in the table given below.

Result	No. of Students			
	Section A	Section B	Section C	Section D
Students failed in both Exams	28	23	17	27
Students failed in half-yearly but passed in Annual Exams	14	12	8	13
Students passed in half-yearly but failed in Annual Exams	6	17	9	15
Students passed in both Exams	64	55	46	76

44. If the number of students passing an examination be considered a criteria for comparison of difficulty level of two examinations, which of the following statements is true in this context?
- A. Half yearly examinations were more difficult.
 - B. Annual examinations were more difficult.
 - C. Both the examinations had almost the same difficulty level.
 - D. The two examinations cannot be compared for difficulty level
45. How many students are there in Class IX in the school?
- A. 339
 - B. 189
 - C. 335
 - D. 430
46. Which section has the maximum pass percentage in at least one of the two examinations?
- A. A Section
 - B. B section
 - C. C Section
 - D. D Section
47. Which section has the maximum success rate in annual examination?
- A. A Section
 - B. B section
 - C. C Section
 - D. D Section
48. Which section has the minimum failure rate in half yearly examination?
- A. A Section
 - B. B section
 - C. C Section
 - D. D Section

49. What does Vitamin K deficiency lead to ?
- A. Problem in Digestion
 - B. Problem in Calcium Metabolism
 - C. Problem in Blood Coagulation
 - D. All the Three
50. Which of the following techniques will most accurately determine whether the fat composition of an individual's body is excessive?
- A. Scales and a height-weight chart
 - B. Skin-fold calipers
 - C. Measurements of the circumference of waist, hips, thighs, and arms
 - D. Hydrostatic weighing
51. The presence of the ozone layer in the upper atmosphere is important because
- A. It enhances the greenhouse effect
 - B. It has led to sharp increases in all types of skin cancer
 - C. It absorbs harmful ultraviolet radiation
 - D. It reduces the amount of acid rain and urban smog
52. In most developing countries the highest proportion of the national health expenditure comes from....
- A. Government Spending
 - B. Out of Pocket Spending
 - C. Insurance Companies
 - D. None of the Above
53. What is the name of the informal health systems alliance created in 2007 by WHO, UNICEF, UNFPA, UNAIDS, GFATM, GAVI, The World Bank, and Gates Foundation?
- A. H- World
 - B. H – Group
 - C. H- 1
 - D. H – 8
54. Hib is best described as a type of
- A. Bacteria
 - B. Immune disorder
 - C. Health Information System
 - D. Behavioral disorder
55. When was Family Planning first initiated
- A. 1941
 - B. 1942
 - C. 1951
 - D. 1952

56. Carcinoma refers to.....
- A. Malignant tumours of the Connective Tissue
 - B. Malignant tumours of the skin or mucous membrane
 - C. Malignant tumours of the Colon
 - D. Benign tumours of the connective tissue
57. By what terms the Anti- Bodies are made of
- A. RBCs
 - B. Thrombocytes
 - C. Monocytes
 - D. Lymphocytes
58. By what we get passive immunity
- A. Antibody
 - B. Antigen
 - C. Antibiotic
 - D. Vaccination
59. ELISA is.....
- A. Enzyme Linked Immuno absorbent Assay
 - B. Enzyme Linked ions assay
 - C. Enzyme Linked inductive Assay
 - D. None of the above
60. Which of the following environmental problems is most lethal to people worldwide?
- A. Acid rain
 - B. Air pollution
 - C. Ozone depletion
 - D. Water pollution
61. The leading cause of cancer death for men is.....
- A. Prostate Cancer
 - B. Colorectal Cancer
 - C. Lung Cancer
 - D. Skin Cancer
62. What is the minimum amount of moderate-intensity physical activity that adults should engage in 5 or more days of the week
- A. 20 minutes per day
 - B. 30 minutes per day
 - C. 60 minutes per day
 - D. 90 minutes per day

63. Amniocentesis is most often used to
- Facilitate Artificial Insemination
 - Measure immune response capability in transplant recipients
 - Determine the presence of certain disorders in the fetus
 - Estimate the mother's potential for maintaining a pregnancy to term
64. Which one of the following is known as "Protective Foods" ?
- Minerals
 - Carbohydrates
 - Proteins
 - Vitamins
65. Which one of the following inert gases can accumulate in poorly ventilated buildings?
- Helium
 - Neon
 - Argon
 - Radon
66. National Doctors Day is celebrated onin India
- 1st May
 - 1st June
 - 1st July
 - 1st August
67. The Nobel Prize in Medicine / Physiology for 2016 was awarded to.....
- Yoshinori Ohsumi , for his discoveries of mechanisms for autophagy
 - Yoshi Jorin, for his discoveries of micro pathogens
 - Yahya Okhlama for the discovery of Vaccines
 - None of the Above
68. For which one of the following diseases ICMR's famous 'Madras Study' was made :
- AIDS
 - Cancer
 - Tuberculosis
 - Malaria
69. What do you understand by Basal Metabolic Rate (BMR).....
- It is calories that human body burns every day
 - It is calories a human body burns in one hour
 - It is calories that a human body burns per minute
 - It is the calories that a human body burns while at rest

70. Which one of the following bacteria present in the soil produces peculiar smell if it rains on perched soil?
- A. Staphymyces and Salmonella
 - B. Streptomyces and Actinomyces
 - C. Diplomycetes and Staphymyces
 - D. Micrococcus and Salmonella
71. A Mule is a hybrid of which one of the following :
- A. A female Donkey and Male Horse
 - B. A Female Horse and Male Zebra
 - C. A Male Donkey and Female Horse
 - D. A Male Horse and Female Zebra
72. International Yoga Day is celebrated world over on.....
- A. 20th June
 - B. 25th April
 - C. 1st July
 - D. 21st June
73. "Warning: To be sold by retail on the prescription of a Registered Medical Practitioner only." Written on the Medicines which come under.....
- A. MCI act
 - B. Shedule H
 - C. Shedule B
 - D. Shedule A
74. Accreditation of Hospitals is done by
- A. Government
 - B. BIS
 - C. AGMARK
 - D. NABH
75. _____ is the main objective of the National Health Policy 2017.
- A. No private health care in long run
 - B. Achieve the highest possible level of good health and well-being, through a preventive and promotive health care
 - C. Bringing hospitals under check for treatments and make them liable for inaction
 - D. Health Insurance for all
