

HALL TICKET NO:

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M.B.A (Health Care and Hospital Management)**Entrance Examination – 2018****(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 answer 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: There is a certain relationship between two given words on one side of :: and one word is given on the another side of :: while another word is to be found from the given alternatives, having the same relation with this word as the given pair has. Select the best alternative.

1. Newspaper: Press::Cloth: ?
 - A. Tailor
 - B. Textile
 - C. Fibre
 - D. Mill

2. Oxygen: Burn:: Carbon dioxide: ?
 - A. Isolate
 - B. Foam
 - C. Extinguish
 - D. Explode

3. Genuine: Authentic:: Mirage : ?
 - A. Image
 - B. Transpiration
 - C. Reflection
 - D. Illusion

4. Sculptor: Statue:: Poet : ?
 - A. Canvas
 - B. Pen
 - C. Verse
 - D. Chisel

5. Professor: Lecture:: Doctor: ?
 - A. Hospital
 - B. Disease
 - C. Medicine
 - D. Patient

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

6. SPURIOUS
 - A. Abdicate
 - B. Apprehension
 - C. Fake
 - D. Score

7. ILLICIT
 - A. Illegal
 - B. Draw
 - C. Differ
 - D. Postpone

8. DEFER
A. Differ
B. Respect
C. Postpone
D. Disagree
9. LYNCH
A. Hang
B. Madden
C. Kill
D. Shoot
10. DILIGENT
A. Progressive
B. Brilliant
C. Inventive
D. Hard-working

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

11. IMPARTIAL
A. Hostile
B. Biased
C. Disliked
D. Worried
12. FEASIBILITY
A. Unsuitability
B. Cheapness
C. Impropriety
D. Impracticability
13. STARTLED
A. Amused
B. Relaxed
C. Endless
D. Astonished
14. SOLDER
A. Merge
B. Separate
C. Discard
D. Ignore

15. WHOLESOME

- A. Unhealthy
- B. Hygienic
- C. Irrelevant
- D. Surrounding

Direction for questions 16 to 20: Understand the relationship in the sentence given and complete the statement

16. Wax is related to Grease in the same way as milk is related to -----
A. Drink
B. Ghee
C. Curd
D. Protein
17. Life is related to Autobiography in the same way as Witness is related to ----
A. Papers
B. Truth
C. Documents
D. Acceptance
18. Ecology is related to Environment in the same way as Histology is related to ---
A. Fossils
B. History
C. Tissues
D. Hormones
19. Aflatoxin is related to food poisoning in the same way as Histamine is related to ---
A. Allergy
B. Headache
C. Anthrax
D. Contamination
20. Algae is to water as virus is to -----
A. Man
B. Host
C. Surrounding
D. Soil.

Directions for questions 21 to 25: In each of the following questions, certain pairs of words are given which bear a certain common relationship. Choose the odd pair of words from the following questions

- 21.
- A. Atom: Electron
 - B. Train: Engine
 - C. Scooter: Gear
 - D. Curd: Milk

- 22.
- A. Protein: Marasmus
 - B. Sodium: Rickets
 - C. Iodine: Goitre
 - D. Iron: Anaemia
- 23.
- A. Volume: Litre
 - B. Time: Second
 - C. Pressure: Barometer
 - D. Resistance: OHM
- 24.
- A. Painter: Gallery
 - B. Actor: stage
 - C. Mason: wall
 - D. Worker: Factory
- 25.
- A. Newspaper: Editor
 - B. Film: Director
 - C. Stamps: Philatelist
 - D. Book: Author
26. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?
- A. 12 days
 - B. 15 days
 - C. 16 days
 - D. 18 days
27. A machine P can print one lakh books in 8 hours, machine Q can print the same number of books in 10 hours while machine R can print them in 12 hours. All the machines are started at 9 A.M. while machine P is closed at 11 A.M. and the remaining two machines completed the remaining work. Approximately at what time will the work (to print one lakh books) be finished?
- A. 11:30 A.M.
 - B. 12 Noon
 - C. 12:30 P.M.
 - D. 1:00 P.M.
28. A is 30% more efficient than B. How much time will they, working together, take to complete a job which A alone can complete it in 23 days?
- A. 11 days
 - B. 13 days
 - C. $20\frac{3}{17}$ days
 - D. 21 days

29. If 20% of $a = b$, then $b\%$ of 20 is the same as:
- A. 4% of a
 - B. 5% of a
 - C. 20% of a
 - D. 10% of a
30. Two tailors X and Y are paid a total of Rs. 550 per week by their employer. If X is paid 120 percent of the sum paid to Y, how much is Y paid per week?
- A. Rs. 200
 - B. Rs. 250
 - C. Rs. 300
 - D. Rs. 320
31. Three candidates contested an election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate get?
- A. 57%
 - B. 60%
 - C. 65%
 - D. 90%
32. The sum of ages of 5 children born at the intervals of 3 years each is 50 years. Find out the age of the youngest child?
- A. 6 years
 - B. 5 years
 - C. 4 years
 - D. 3 years
33. A father's current age is twice the current age of his son. If the father's age 5 years later will be 55 years, what was the son's age five years ago?
- A. 20 years
 - B. 18 years
 - C. 14 years
 - D. 22 years
34. The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, find the value of x .
- A. 15
 - B. 25
 - C. 18
 - D. 16
35. In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit?
- A. 30%
 - B. 70%
 - C. 100%
 - D. 250%

36. A man buys a cycle for Rs. 1400 and sells it at a loss of 15%. What is the selling price of the cycle?
- A. Rs. 1090
 - B. Rs. 1160
 - C. Rs. 1190
 - D. Rs. 1202
37. A trader mixes 26 kg of rice at Rs. 20 per kg with 30 kg of rice of other variety at Rs. 36 per kg and sells the mixture at Rs. 30 per kg. His profit percent is:
- A. No profit, no loss
 - B. 5%
 - C. 8%
 - D. 10%
38. At what rate of compound interest per annum will a sum of Rs. 1200 become Rs. 1348.32 in 2 years?
- A. 6%
 - B. 6.5%
 - C. 7%
 - D. 7.5%
39. The compound interest on a certain sum for 2 years at 10% per annum is Rs. 525. The simple interest on the same sum for double the time at half the percentage of the rate of interest per annum is:
- A. Rs. 400
 - B. Rs. 500
 - C. Rs. 600
 - D. Rs. 800
40. An accurate clock shows 8 o'clock in the morning. Through how many degrees will the hour hand rotate when the clock shows 2 o'clock in the afternoon?
- A. 144°
 - B. 150°
 - C. 168°
 - D. 180°
41. The angle between the minute hand and the hour hand of a clock when the time is 4.20, is:
- A. 0°
 - B. 10°
 - C. 5°
 - D. 20°
42. Let N be the greatest number that will divide 1305, 4665 and 6905, leaving the same remainder in each case. Then sum of the digits in N is:
- A. 4
 - B. 5
 - C. 6
 - D. 8

43. Three numbers are in the ratio of 3 : 4 : 5 and their L.C.M. is 2400. Their H.C.F. is:
- 40
 - 80
 - 120
 - 200

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

Expenditures of a Company (in Lakh Rupees) per annum over the given years are shown in the following table given below.

Year	Item of Expenditure				
	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
2013	288	98	3.00	23.4	83
2014	342	112	2.52	32.5	108
2015	324	101	3.84	41.6	74
2016	336	133	3.68	36.4	88
2017	420	142	3.96	49.4	98

44. What is the average amount of interest per year which the company had to pay during this period?
- Rs. 32.43 lakhs
 - Rs. 33.72 lakhs
 - Rs. 34.18 lakhs
 - Rs. 36.66 lakhs
45. The total amount of bonus paid by the company during the given period is approximately what percent of the total amount of salary paid during this period?
- 0.1%
 - 0.5%
 - 1%
 - 1.25%
46. Total expenditure on all these items in 2013 was approximately what percent of the total expenditure in 2017?
- 62%
 - 66%
 - 69%
 - 71%

47. The total expenditure of the company over these items during the year 2015 is?
- Rs. 544.44 lakhs
 - Rs. 501.11 lakhs
 - Rs. 446.46 lakhs
 - Rs. 478.87 lakhs
48. The ratio between the total expenditure on Taxes for all the years and the total expenditure on Fuel and Transport for all the years respectively is approximately?
- 4:7
 - 10:13
 - 15:18
 - 5:8
49. Which among the following multilateral convention seeks to protect the human health and environment from Persistent Organic Pollutants (POPs)?
- Bonn Convention
 - Stockholm Convention
 - Rotterdam Convention
 - Basel Convention
50. One of the following is not a function of bones.....
- Place for muscle attachment
 - Protection of vital organs
 - Secretion of hormones for calcium regulation in blood and bones
 - Production of blood corpuscles
51. World Health Organization is a recognized member of
- UN Security Council
 - World Food Programme
 - Food and Agriculture Organization
 - UN Development Group
52. In the early phase of his career, which of these industrialists used to sell handmade detergent packets from door to door?
- Karsanbhai Patel
 - Azim Premji
 - Gujarmal Modi
 - Brijmohan Lal Munjal
53. Which of these is the name of an island as well as a type of Coffee?
- Mocha
 - Arabica
 - Java
 - Oolong

54. Myopia is connected with
- A. Ear
 - B. Eye
 - C. Lungs
 - D. None of the above
55. Normal adult human male has.....
- A. 10 gram of haemoglobin/100 gram of blood
 - B. 14 gram of haemoglobin/100 gram of blood
 - C. 18 gram of haemoglobin/100 gram of blood
 - D. 24 gram of haemoglobin/100 gram of blood
56. Night blindness is caused by lack of which vitamin?
- A. Vitamin A
 - B. Vitamin B
 - C. Vitamin C
 - D. Vitamin D
57. Most common disease of poultry in India is
- A. Fowl Pox
 - B. Tick Fever
 - C. Ranikhet
 - D. Coryza
58. Which of these organs helps in maintaining the sense of balance or equilibrium of our body?
- A. Nose
 - B. Ears
 - C. Tongue
 - D. Lungs
59. Which of the following diseases is not caused by bacteria?
- A. Leprosy
 - B. Typhoid
 - C. Tuberculosis
 - D. Measles
60. Which among the following awards instituted by the Government of India for individuals or communities from rural areas that have shown extraordinary courage and dedication in protecting Wildlife?
- A. Indira Gandhi Paryavaran Puraskar
 - B. Medini Puruskar Yojana
 - C. Amrita Devi Bishnoi Award
 - D. Pitambar Pant National Award

61. The most potent greenhouse gas among the following is __?
- Carbon dioxide
 - Methane
 - Water Vapour
 - Ozone
62. _____ are copies of brand-name drugs that have exactly the same dosage, intended use, effects, side effects, route of administration, risks, safety, and strength as the original drug.
- Copied drugs
 - Chemical drugs
 - Generic drugs
 - Cosmetic drugs
63. The following is not a source of vitamin
- Milk
 - Amla (Gooseberry)
 - Lemon
 - Green chilli
64. What is the theme of the 2018 World Malaria Day (WMD)?
- Ready to beat malaria
 - Sustain Gains, Save Lives: Invest in Malaria
 - Invest in the future: defeat malaria
 - Malaria: A disease without borders
65. Name a surgeon who had first used Google Glass while performing a surgery?
- Dr. Rafael Grossmann
 - Alfred Kinsey
 - Cartwright
 - Friese-Greene
66. What is self-service kiosks technology?
- It is a worldwide home monitoring system.
 - For doing instant messages related to health used in various hospitals.
 - It is a technology used in hospital registration.
 - None of the above.
67. Which is the first eye hospital in India?
- Government Ophthalmic Hospital
 - Vasan Healthcare Private Limited
 - Shree Bhairav Charitable Eye Hospital
 - Save Sight Centre
68. How much amount will be provided to flagship National Health Protection Scheme to cover 10 crore poor vulnerable families?
- 2 lakhs per family
 - 1 lakh per family
 - 3 lakhs per family
 - 5 lakhs per family

69. In the Union Budget 2018, Health and Education Cess has been increased from 3 percent to -----
- A. 5 percent
 - B. 4 percent
 - C. 6 percent
 - D. 7 percent
70. What was the theme of World Health Day 2018?
- A. Universal Health Coverage: Everyone Everywhere
 - B. Inclusive Health : Better Health to Everywhere
 - C. Eradication of TB by 2025
 - D. Health and Water correlation and coordination
71. Which state government has announced free Chemotherapy for Cancer patients?
- A. Karnataka
 - B. West Bengal
 - C. Rajasthan
 - D. Maharashtra
72. Health For all means
- A. Health begins at home
 - B. Nobody would be sick
 - C. There would be more than sufficient doctors and nurses
 - D. None of the above
73. Head Quarters of International Union for Health Education is located in
- A. Geneva
 - B. Switzerland
 - C. Paris
 - D. Frankfurt
74. In which state did Prime Minister Shri Narendra Modi inaugurated the first health center in Jangla (Bijapur) under the Ayushman Bharat Scheme on April 14, 2018.
- A. Madhya Pradesh
 - B. Karnataka
 - C. Chhattisgarh
 - D. Rajasthan
75. World No-Tobacco Day is on
- A. 31st May
 - B. 25th April
 - C. 30th June
 - D. 21st December
