

Z-42

HALL TICKET NO:

MBA Healthcare and Hospital Management

Entrance Examination - 2021

(75 Marks)

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. There is negative marking. Each wrong answer carries negative 0.33 marks (– 0.33 marks).
3. Answers are to be marked on the OMR answer sheet following the instructions provided there upon.
4. Handover OMR answer sheet to the invigilator before leaving the examination hall.
5. 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.
6. Calculators, mobile phones and electronic gadgets are not allowed.

1. Which of the following is the MOST SIMILAR in meaning to the given word as used in the passage? Taxing

- (A) Strenuous
- (B) Burdensome
- (C) Stressful
- (D) All of these

2. Which of the following is the MOST SIMILAR in meaning to the given word as used in the passage? Obscure

- (A) Uncertain
- (B) Likely
- (C) Clear
- (D) Difficult

3. Choose the correct antonym of the given word

Brilliant

- (A) Apparent
- (B) Flat
- (C) Dull
- (D) Shining

4. Choose the correct antonym of the given word

Heterogeneous

- (A) Colourful
- (B) Different
- (C) Similar
- (D) Homogeneous

5. Choose the correct antonym of the given word

Transmit

- (A) Televisе
- (B) Withhold
- (C) Reply
- (D) Show

Directions for question no 6-10: The trajectory of food grain production in a province in India are given. Answer the questions based on the table (Production quintal).

Year	Rice	Millet	Pulses	Vegetables	Total
2006-07	7459	1423	1223	4763	14,868
2007-08	7926	1429	1248	4944	15,547
2008-09	8476	1403	1265	5133	16,277
2009-10	9137	1411	1830	4511	16,889
2010-11	9207	1579	2012	5059	17,857

6. In which year primary sources recorded the lowest growth in total production of food grains?
- (A) 2007-08
  - (B) 2008-09
  - (C) 2009-10
  - (D) 2010-11
7. Which source of food grain has shown the highest growth rate in production during 2006-07 to 2010-11?
- (A) Rice
  - (B) Millet
  - (C) Pulses
  - (D) Total production of food grains
8. Which one of the following primary sources of food grains has recorded the highest growth in production in 2008-09?
- (A) Rice
  - (B) Millet
  - (C) Pulses
  - (D) Vegetables
9. In which year, production of Vegetables was almost double the production of Millets and pulses taken together?
- (A) 2006-07
  - (B) 2007-08
  - (C) 2008-09
  - (D) 2009-10
10. In which year Vegetables production is the highest?
- (A) 2006-07
  - (B) 2007-08
  - (C) 2008-09
  - (D) 2009-10
11. The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:
- (A) 200 m
  - (B) 225 m
  - (C) 245 m
  - (D) 250 m
12. The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, then the value of x is:
- (A) 15
  - (B) 16
  - (C) 18
  - (D) 25

13. 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) 39, 30
  - (B) 41, 32
  - (C) 42, 33
  - (D) 43, 34
14. What percentage of numbers from 1 to 70 have 1 or 9 in the unit's digit?
- (A) 1
  - (B) 14
  - (C) 20
  - (D) 21
15. A lent Rs. 5000 to B for 2 years and Rs. 3000 to C for 4 years on simple interest at the same rate of interest and received Rs. 2200 in all from both of them as interest. The rate of interest per annum is:
- (A) 5%
  - (B) 7%
  - (C) 8%
  - (D) 10%
16. The average of 20 numbers is zero. Of them, at the most, how many may be greater than zero?
- (A) 0
  - (B) 1
  - (C) 10
  - (D) 19
17. The price of 10 chairs is equal to that of 4 tables. The price of 15 chairs and 2 tables together is Rs. 4000. The total price of 12 chairs and 3 tables is:
- (A) Rs. 3500
  - (B) Rs. 3750
  - (C) Rs. 3840
  - (D) Rs. 3900
18. In one hour, a boat goes 11 km/hr along the stream and 5 km/hr against the stream. The speed of the boat in still water (in km/hr) is:
- (A) 3 km/hr
  - (B) 5 km/hr
  - (C) 8 km/hr
  - (D) 9 km/hr

19. The ratio between the speeds of two trains is 7: 8. If the second train runs 400 km in 4 hours, then the speed of the first train is:

- (A) 70 km/hr
- (B) 75 km/hr
- (C) 84 km/hr
- (D) 87.5 km/hr

20. A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work that is left is :

- (A) 1/4
- (B) 1/10
- (C) 7/15
- (D) 8/15

21. What Should Come In The Place Of (?) In The Given Series? OTE, PUF, QVG, RWH, ?

- (A) SYJ
- (B) TXI
- (C) SXJ
- (D) SXI

22. AFKPU, BGLQV, CHMRW, ?

- (A) DINSX
- (B) KLMNO
- (C) UVWXY
- (D) VQLGB

23. ?baa?aab?a?a

- (A) baab
- (B) abab
- (C) aabb
- (D) aaba

24. A A B A B C A B C D A B C D E A B C D E F A B C D E F G A B C D E F G ?

- (A) A
- (B) B
- (C) G
- (D) H

25. AGON, BHPO, ?, DJRQ, EKSR

- (A) CIQP
- (B) CIPQ
- (C) ICQP
- (D) CINO

26. The milk and water in two vessels A and B are in the ratio 4:3 and 2:3 respectively. In what ratio, the liquids be mixed in both the vessels so that the new liquid contains half milk and half water?

- (A) 7:5
- (B) 1:2
- (C) 2:1
- (D) 6:5

27. What would come in the sequence: 16/32, 15/33, 17/31, 14/34 ?

- (A) 23/40
- (B) 11/30
- (C) 18/30
- (D) 19/36

28. A business was set by an entrepreneur. The simple interest accrued on an amount of Rs. 22,500 at the end of four years is Rs. 10,800. What would be the compound interest accrued on the same amount at the same rate of interest at the end of 2 years?

- (A) Rs. 15, 888
- (B) Rs. 29, 225
- (C) Rs. 5, 724
- (D) Rs. 9, 686

29. SCD, TEF, UHG, \_\_\_\_\_, WKL

- (A) CMN
- (B) VIJ
- (C) UJI
- (D) IJT

30. CMM, EOO, GQQ, \_\_\_\_\_, KUU

- (A) GRR
- (B) GSS
- (C) ISS
- (D) ITT

Directions (31-35): Study the following information carefully and answer the given questions: Eight friends A, B, C, D, W, X, Y and Z are sitting around a square table in such a way that four of them sit at four corners of the square while the other four sit in the middle of each sides. The ones who sit at the four corners face outside while those who sit in the middle of the sides face inside. C is an immediate neighbor of A, who faces center. W sits second to the left of C. Y sits fourth to the left of W. Two persons sit between Y and D (either from left or right). C is not an immediate neighbor of D. B sits second to the right of D. X sits second to the right of B.

31. How many persons sits between Z and C when counted from left of Z?

- (A) None
- (B) One
- (C) Two
- (D) Three

32. What is the position of Y with respect to D?  
(A) Second to the right  
(B) Third to the right  
(C) Fourth to the left  
(D) Third to the left
33. Four of the following five are alike in a certain way and so form a group. Who among the following does not belong to that group?  
(A) Z  
(B) D  
(C) W  
(D) C
34. Who sits second to the right of A?  
(A) B  
(B) X  
(C) Y  
(D) D
35. Who among the following sits between B and C, when counted from the right of B?  
(A) Y and Z  
(B) X and Y  
(C) W and D  
(D) A and W
36. The Government has targeted to reduce road accident deaths by 50% by which year?  
(A) 2025  
(B) 2030  
(C) 2022  
(D) 2024
37. Under which project the Defence Minister has dedicated to the nation 12 roads, built by BRO?  
(A) Vartak  
(B) Arunank  
(C) Brahmanak  
(D) All of these
38. Which Ministry has launched 'Aadi Prashikshan Portal'?  
(A) Ministry of MSME  
(B) Ministry of Tribal Affairs  
(C) Ministry of Textiles  
(D) Ministry of Urban Development
39. The centre has extended the validity of the Udyog Aadhaar Memorandum till when?  
(A) December 31, 2021  
(B) March 31, 2022  
(C) July 31, 2021  
(D) September 20, 2021

40. Prime Minister Narendra Modi virtually addressed the VivaTech 2021. The event has been organized in which city?

- (A) London
- (B) Rome
- (C) Paris
- (D) Dubai

41. What is the rank of India in the World Giving Index 2021, by the Charities Aid Foundation?

- (A) 58th
- (B) 39th
- (C) 85th
- (D) 14th

42. Which E-platform is to lead the 'Medicines from the Sky' project of Telangana?

- (A) Flipkart
- (B) Amazon
- (C) Zomato
- (D) Swiggy

43. Which Bollywood actor is launching a scholarship for free IAS exam coaching?

- (A) Salman Khan
- (B) Amir Khan
- (C) Sonu Sood
- (D) Shahid Kapoor

44. Which city will soon become India's first Electric vehicle city?

- (A) Kevadia
- (B) Kanpur
- (C) Patna
- (D) Lucknow

45. Which philanthropic foundation has partnered with NITI Aayog to launch Surakshit Hum Surakshit Tum Abhiyaan?

- (A) Piramal Foundation
- (B) Aditya Birla Foundation
- (C) Reliance Foundation
- (D) Azim Premji charitable foundation

46. Which medicine is being used in the treatment for Mucormycosis?

- (A) Erythromycin
- (B) Procarbazine
- (C) Interleukin-2
- (D) Amphotericin-B

47. What is DIPCOVAN?

- (A) Oxygen concentrator
- (B) Antibody detection based kit
- (C) A medicine for COVID 19
- (D) A test for Lungs infection

48. The top priority of Janani Suraksha Yojana is  
(A) Decrease the fatality rate  
(B) Reduce the birth rate  
(C) Reduce MMR  
(D) Reduction of infant mortality rate
49. NFHS stands for  
(A) National Full Health Status  
(B) National Family Health Survey  
(C) National Family Health Status  
(D) National Family Health Scheme
50. The "India Energy Outlook 2021 Report" is released by which of the following?  
(A) Ministry of New and Renewable Energy  
(B) NITI Aayog  
(C) International Energy Agency  
(D) Ministry of Power
51. Used N-95 Mask is to be disposed off in:  
(A) Red Bag  
(B) White Bin  
(C) Green Bag  
(D) Yellow Bag
52. Which of the following statements about viruses is wrong:  
(A) A virus can have either DNA or RNA.  
(B) A virus is a small infectious agent that replicates inside the living cells of an organism.  
(C) Vaccines against viruses exist but there are no antiviral drugs.  
(D) Virus can not only infect animals, but also plants and bacteria.
53. Which of the following country was the first to authorize the Pfizer-BioNtech COVID-19 vaccine in 2020?  
(A) USA  
(B) Russia  
(C) China  
(D) UK
54. The study on coronavirus has shown that COVID-19 remains active outside the host cell and enters the respiratory tract through the mucous membranes, the virus has shown sensitivity to all of the factors, EXCEPT?  
(A) UV light  
(B) Hot water  
(C) Sunlight  
(D) Very low temperature
55. Which of the following virus may not show flu-like symptoms in humans?  
(A) Coronavirus  
(B) Rhinovirus  
(C) Rotavirus  
(D) Influenza virus

56. RNA interference helps in  
(A) Cell proliferation  
(B) Micropropagation  
(C) Cell defence  
(D) Cell differentiation
57. Most commonly used model of care in ICUs  
(A) Functional nursing  
(B) Team nursing  
(C) Primary nursing  
(D) Total patient care
58. When does discharge planning ideally begin?  
(A) During admission  
(B) After admission  
(C) Before admission  
(D) Without admission
59. The World Health Day is celebrated on \_\_\_\_\_  
(A) 1st March  
(B) 7th April  
(C) 6th October  
(D) 10th December
60. According to In Union budget 2021, what is the total budget outlay of for health & wellbeing?  
(A) 3.21 lakh crore  
(B) 2.23 lakh crore  
(C) 5.06 lakh crore  
(D) 1.89 lakh crore
61. 'Jahan Vote, Wahan Vaccination' campaign is an initiative of which institution?  
(A) Election Commission of India  
(B) Government of Delhi  
(C) Home Ministry  
(D) AIIMS
62. The second phase of Intensified Mission Indradhanush 2.0 began recently. What is the scheme associated with?  
(A) Merger of Banks  
(B) Universal Vaccination  
(C) Defence Procurement  
(D) Space Mission
63. What is the name of the campaign launched by NITI Aayog to ensure well-being of senior citizens during COVID-19 pandemic?  
(A) Surakshit Dada-Dadi & Nana-Nani Abhiyan  
(B) Take care of Elders  
(C) Dada and Dadi Bachao Abhiyan  
(D) Suraksha Samriddhi Abhiyan

- 64. What is the theme of the Economic Survey 2020-2021?
  - (A) Fight Against COVID-19
  - (B) Saving Lives and Livelihoods
  - (C) Health and Wellness
  - (D) Boost Immunity
  
- 65. Support services of the hospital includes all except
  - (A) Pharmacy services
  - (B) Laboratory services
  - (C) House Keeping services
  - (D) Laundry services
  
- 66. Care provided by the hospital on day care basis includes all except
  - (A) MPT
  - (B) Cataract operation
  - (C) Sterilisation
  - (D) Caesarean section
  
- 67. The most universally accepted indicator of Health status is
  - (A) Crude death rate
  - (B) Case fatality rate
  - (C) Infant mortality rate
  - (D) Adult mortality rate
  
- 68. What organs can be viewed on chest X-ray?
  - (A) Lungs and Heart
  - (B) Kidneys and Liver
  - (C) Pancreas and Lungs
  - (D) Lungs and Liver
  
- 69. Which Biotech firm has released genetically modified mosquitoes?
  - (A) NOVARTS AG
  - (B) Oxitech Technology
  - (C) Pfizer
  - (D) Johnson and Johnson
  
- 70. The e-sanjeevani OPD is a flagship telemedicine platform developed by
  - (A) C-DAC
  - (B) DRDO
  - (C) CSIR
  - (D) IIT Delhi
  
- 71. \_\_\_\_\_ is a set of practices performed for the preservation of health.
  - (A) Hygiene
  - (B) Health
  - (C) Environment
  - (D) Habits

72. Planning a new hospital starts with setting goals for the hospital, without which the organization cannot have a definite direction or focus. Which of the following areas is not considered by an organization while studying existing hospital facilities in an area?

- (A) Bed ratio
- (B) Hospital occupancy
- (C) Physical condition of facilities
- (D) Perception of patients

73. Laboratory and diagnostic services are of paramount importance in a hospital because

- (A) The relationship formed at this stage go a long way in building overall image of the hospital
- (B) This stage forms the initial contact point between patient and the hospital
- (C) Any amount of effort expended at this stage is less, unless one can delight the patient
- (D) They properly receive the patients and brief them about the investigations

74. Which of the following is/are the symptoms of Black Fungus?

- 1. Facial Swelling
  - 2. Nasal Congestion
  - 3. Headache
- (A) Only 1
  - (B) Both 2 and 3
  - (C) Only 2
  - (D) 1, 2 and 3

75. Which of the following statements regarding Isolation during COVID-19 is/are correct?

- 1. It is used for people suffering from COVID-19 symptoms or who have tested positive for the virus.
  - 2. In isolation means being separated from other people, mainly in a medical facility where you can receive clinical care.
- (A) Only 1
  - (B) Only 2
  - (C) Both 1 and 2
  - (D) Neither 1 nor 2

**University of Hyderabad**  
**Entrance Examinations - 2021**

School/Department/Centre : Management Studies  
Course/Subject : Answer Key MBA (HC&HM) entrance examination 2021

Question No.	Answer	Question No.	Answer	Question No.	Answer
1	D	26	A	51	D
2	A	27	C	52	C
3	C	28	C	53	D
4	D	29	B	54	D
5	B	30	C	55	C
6	C	31	D	56	C
7	A	32	B	57	D
8	A	33	*	58	A
9	C	34	D	59	B
10	C	35	B	60	B
11	C	36	D	61	B
12	B	37	D	62	B
13	C	38	B	63	A
14	C	39	A	64	B
15	D	40	C	65	C
16	D	41	D	66	C
17	D	42	A	67	C
18	C	43	C	68	A
19	D	44	A	69	B
20	D	45	A	70	A
21	D	46	D	71	A
22	A	47	B	72	D
23	B	48	C	73	D
24	D	49	B	74	D
25	A	50	C	75	C

**NOTE:**

\*All candidates may be awarded 1 mark.

Signature  
School/Department/Centre