HALL TICKET NO. ☐☐☐☐☐☐☐☐

M.B.A (Health Care and Hospital Management)
Entrance Examination-2016
(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 the 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.

Directions for questions 1 to 5: Each of the questions below 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 relationship as the original pair of words.

1. MEDICINE : DOSE ::
   A. Food : Quantity
   B. Basket : Waste Paper
   C. Container : Water
   D. Fan : Power

2. KEY : IGNITION ::
   A. Helmet : Motorcycle
   B. Boot : Saddle
   C. Switch : Light
   D. Pad : Helicopter

3. Book : Publisher : :
   A. Film:Producer
   B. Film: Director
   C. Film:Editor
   D. Film:Writer

4. Spider: Insect : :
   A. Crocodile :Reptile
   B. Crocodile :Mammal
   C. Crocodile : Frog
   D. Crocodile: Carnivore

5. Virology : Virus : :?
   A. Semantics : Amoeba
   B. Semantics : Language
   C. Semantics : Nature
   D. Semantics : Society

6. Passive immunization is done for
   A. tuberculosis
   B. diphtheria
   C. enteric fever
   D. all of these

7. All infections do not cause fever and all fevers are not due to infections which of the following is an example of non-infections cause of fever?
   A. Typhoid
   B. Chicken pox
   C. Rheumatic disease
   D. Malaria

8. The six components of wellness include physical, emotional, intellectual,
   A. spiritual, social, and environmental health
   B. social, educational, and environmental health
   C. spiritual, medical, and environmental health
   D. endurance, flexibility, and body composition

9. Each health care organization must anticipate and respond to the community's changing needs and health status by:

   1. Reviewing environmental trends
   2. Collecting information on the determinants of health
   3. Reviewing feedback from clients and the community on its services
   4. Working with the community to identify priority needs

   A. 1 & 3
   B. 1 & 4
   C. 3 & 4
   D. 1,2,3 &4

10. Which of these is not a definition of health?
    A. Health as not ill
    B. Health despite disease
    C. Health means not seeing a doctor
    D. Health as vitality

11. Which among the following states leads in the Infant Mortality Rate in India?
    A. Odisha
    B. Uttar Pradesh
    C. Madhya Pradesh
    D. Assam

12. Yashaswini rural healthcare scheme is being implemented in which among the following states of India?
    A. Andhra Pradesh
    B. Karnataka
    C. Himachal Pradesh
    D. Tamil Nadu

13. Name the proposed programme that will be started under National Health Mission through public-private partnership mode to provide dialysis services to renal patients in all district hospitals across the country.
    A. National Services Programme for Renal Patients
    B. National Dialysis Programme
    C. National Dialysis Services Project
    D. National Dialysis Services Programme

14. The National Family Health Survey 2016 was released by which of the following bodies?
    A. World Health Organisation
    B. Red Cross India
    C. Union Ministry of Health and Family Welfare
    D. AIIMS

15. Which of the following states started e-registration of OPD patients in Government hospitals?
    A. Bihar
    B. Uttar Pradesh
    C. Rajasthan
    D. Kerala

16. How many medical stores will be opened under Prime Minister's Jan Aushadhi Yojana during 2016-17?
    A. 4000
    B. 3000
    C. 2000
    D. 5000

17. What was the theme of the World Health Day 2016 ?
    A. Safe Blood starts with me
    B. Vector-borne diseases: small bite, big threat
    C. Food Safety
    D. Halt the rise: beat diabetes

18. National Arogya fair 2016 concluded in Which City ?
    A. Dehradun
    B. Ranchi
    C. Lucknow
    D. Kolkata

19. What is the name of the Health Care project that has been decided to be implemented by the Kerala Government on 7th January 2016?

    A. Sampoorna Arogya Keralam(SAF)
    B. Sampoorna Swastha Keralam(SSK)
    C. Arogya Keralam
    D. Swastha Keralam

20. What is the name of the disease in man arising out of Vitamin B1 deficiency?
    A. Scurvy
    B. Beriberi
    C. Pellagra
    D. Gingivitis

21. In a significant attempt towards prevention of cervical cancer, which state government has launched the Human Papillomavirus (HPV) vaccination as a public health programme?

    A. Kerala
    B. Delhi
    C. Haryana
    D. Gujarat

22. When was the World Health Organization founded?

    A. 1945
    B. 1946
    C. 1947
    D. 1948

23. Which among the following was declared as Global Public Health Emergency by World Health Organisation (WHO) in February 2016?
    A. Ebola virus

    B. Zika Virus

    C. H1N1 Virus

    D. Rotavirus

24. What was the theme of 2016 'World Leprosy Day'?

    A. 'To live is to help to live'

    B. 'To live and let live'

    C. 'Inclusive Care'

    D. 'Progressive Care'

25. Where is the All India Malaria Research Institute located?

    A. New Delhi

    B. Hyderabad

    C. Bangalore

    D. Chennai

26. Tuberculosis is caused by?

    A. Mosquitoes

    B. Virus

    C. Bacteria

    D. Dogs

27. World Health Day is observed _____ ?

    A. 12th March 2016

    B. 5th May 2016

    C. 7th April 2016

    D. 3rd April 2016

28. What's the name of Union Health Ministry's universal vaccination programme?
    A. Indradhanush
    B. Shishu Surakhsha
    C. Jan Jeewan Jyoti
    D. Shishu Vatika

29. During India Medical Expo 2016, Which of the following has been conferred with Overall India Pharma Excellence Award in 1st India Pharma awards ?
    A. Abbott India Ltd
    B. Sun Pharmaceutical Ltd
    C. Glenmark Pharmaceutical Ltd
    D. .Cadila Healthcare Ltd

30. Name the Indian hospital which is been selected as the best hospitals by the British Medical Journal(BMJ) for having the best medicine experts in South Asia?
    A. Ganga Ram Hospital
    B. Darbhnaga medical College and Hospital
    C. Dharamshila Hospital and Research Centre
    D. Jawaharlal Institute of Postgraduate Medical Education and Research

31. NIRT (National Institute for Research in Tuberculosis) is located at
    A.   Mumbai
    B.   Nagpur
    C.   Ahmedabad
    D.   Chennai

32. Hyderabad based _____ was awarded Global CSR Excellence & Leadership Award in category of Best Environment Friendly Project for its Go Green, Grow Green plantation drive.
    A.   Sun Pharma
    B.   GVK Biosciences
    C.   Lupin
    D.   Cipla

Directions for questions 33 to 37: From the given words, choose a word which means almost the same as the given word.

33. Erudite
    A) Eschew   B) Learned
    C) Gruel   D) Hiatus

34. Puerile

    A) Childish   B) Obsession
    C) Pulsate   D) Putrid

35. Contentious
    A) Cordial   B) Quarrelsome
    C) Corpulent   D) Embellish

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K-35

36. Mercurial

    A) Fickle   B) Basking

    C) Nocturnal   D) Opiate

37. Repugnance

    A) Saga   B) Ruse

    C) Sacrosanct   D) Loathing

Directions for Questions 38 to 42: From the given words, chose a word which means the almost Opposite as the given word.

38. Abhor

    A) Detest   B) Adore

    C) Accuse   D) Absolve

39. Cacophony

    A) Babel   B) Rattle

    C) Blare   D) Silence

40. Jocund

    A) Round   B) Jugular

    C) Flat   D) Melancholy

41. Opulence

    A) Glamour   B) Penury

    C) Sobriety   D) Badinage

42. Ignominious

    A) Disgraceful   B) Laudatory

    C) Ethical   D) Inquiry

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Directions for questions 43 to 47: Choose the grammatically correct sentence among the four options given below.

43.

    A) After her parents were killed she was grown up by her uncle.

    B) After her parents were killed she was brought up by her uncle.

    C) After her parents were killed she was brought by her uncle.

    D) After her parents she brought by her uncle.

44.

    A) Arun got to travel a lot. These days he doesn't go away very often.

    B) Arun uses to travel a lot. These days he doesn't go away very often.

    C) Arun used to travel a lot. These days he doesn't go away very often.

    D) Arun is used to travel a lot. These days he doesn't go away very often.

45.

    A) Don't you think your opinions are based by prejudice.

    B) Don't you think your opinions are build by prejudice.

    C) Don't you think your opinions are coloured by prejudice.

    D) Don't you think your opinions are grounded by prejudice.

46.

    A) Ravi was very patience with me when I was ill and crabby.

    B) Ravi was very inpatient with me when I was ill and crabby.

    C) Ravi was very patient with me when I was ill and crabby.

    D) Ravi was very tender with me when I was ill and crabby.

47.

    A) Mary and John have just been engaged.

    B) Mary and John have just become engaged.

    C) Mary and John have just get engaged.

    D) Mary and John have just gate engaged.

Directions for questions 48 to 52: Choose the appropriate word among the given words.

48. Something that is sacred is also _____

   A) Holy

   B) Wholly

   C) Holi

   D) Hole

49. There is too much at _____ to be careless

   A) Steak

   B) Streak

   C) Stake

   D) Skate

50. A _____ is a female deer

   A) Doe

   B) Dough

   C) Dove

   D) Deo

51. There is not much to buy for one _____

   A) Scent

   B) Cent

   C) Sent

   D) Sant

52. Sunil has just completed _____ semester of college

   A) Fourth

   B) Forth

   C) Fore

   D) Froth

53. Ramu is 18th from either end of a row of boys. How many boys are there in that row?
A. 26
B. 32
C. 24
D. 35

54. How many 8's are there in the following sequence which are immediately preceded by 6 but not immediately followed by 5?
6 8 5 7 8 5 4 3 6 8 1 9 8 5 4 6 8 2 9 6 8 1 3 6 8 5 3 6
A. One
B. Two
C. Three
D. Four

55. Flight to Mumbai leaves every 5 hours. At the information counter you learnt that the flight took off 25 minutes before. If the time now is 10: 45 a.m., what is the time for the next flight?
A. 2 : 20 a.m.
B. 3 : 30 a.m.
C. 3 : 55 p.m.
D. 3 : 20 p.m

56. Today is Abhinand's birthday. One year, from today he will be twice as old as he was 12 years ago. How old is Abhinand today?
A.   20 Years
B.   22 Years
C.   25 years
D.   27 years

57. 108 balls are placed in three coloured boxes - Red, Green and Blue. There are twice as many balls in the green and red boxes combined as there are in the blue box and twice as many in the blue box as there are in the red box. How many balls are there in the green box?
A.   18
B.   36
C.   45
D.   54

58. A, B and C invests Rs. 2,000, 8,000 and 10,000 respectively in a business. At the end of the year the balance sheet shows a loss of 40% of the initial investment. Find the share of loss of B.
A.Rs. 2,200
B. Rs.2,800
C. Rs.3,000
D. Rs.3,200

59. A sold his motorcycle to B at a loss of 20%. B spent Rs.1,500 on its repair and sold the bike to C for Rs.42,000, thereby making a profit of 5%. Find the cost of motorcycle for A?
   A. Rs.44,125
   B.Rs.46,125
   C.Rs.48,125
   D. Rs.49,715

60. The total time taken by a man to walk to a certain place and ride back is 10 hours. He could ride both ways in 8 hours. The time taken by him to walk both ways?
   A. 10 hours
   B. 12 hours
   C. 14 hours
   D. 16 hours

61. A farmer goes to his field from his house at a speed of 6km/hr and returns at a speed of 4 km/hr. If he takes 10 hours in going and coming back, the distance between his field and house is
   A. 12km
   B. 16 km
   C. 20 km
   D. 24 km

62. X starts a business with Rs.45,000. Y joins in the business after 3 months with Rs.30,000. What will be the ratio in which they should share the profit at the end of the year?
   A. 1:2
   B. 2:1
   C. 1:3
   D. 3:1

63. Two numbers are in the ratio 2 : 3. If their L.C.M. is 48. What is sum of the numbers?
   A. 28
   B. 40
   C. 64
   D. 42

64. What is the lowest common multiple of 12, 36 and 20?
   A. 160
   B. 220
   C. 120
   D. 180

65. A pump can fill a tank with water in 2 hours. Because of a leak, it took 2⅔ hours to fill the tank. The leak can drain all the water of the tank in:

    A. 6 hours
    B. 8 hours
    C. 9 hours
    D. 10 hours

66. Two pipes A and B can fill a tank in 12 and 24 minutes respectively. If both the pipes are used together, then how long will it take to fill the tank?

    A. 9 min.
    B. 8 min.
    C. 6 min.
    D. 4 min.

67. In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs?

    A. 6.25
    B. 5.5
    C. 7.4
    D. 5.0

68. A bag contains 2 white, 3 yellow and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?

    A. 5/7
    B. 11/21
    C. 2/7
    D. 10/21

69. In how many different ways can the letters of the word 'LEADING' be arranged in such a way that the vowels always come together?

    A. 360
    B. 480
    C. 720
    D. 5040

70. The ratio between the perimeter and the breadth of a rectangle is 5 : 1. If the area of the rectangle is 216 sq. cm, what is the length of the rectangle?

 A.   18 cm

 B.   24 cm

 C.   30 cm

 D.   36 cm

Directions for questions 71 to 75: Study the following table and answer the questions given below.

Classification of 100 Students based on the marks obtained by them in Botany and Zoology in an examination.

	Marks out of 50				
	0 and above	10 and above	20 and above	30 and above	40 and above
Botany	100	92	80	32	9
Zoology	100	81	66	21	4
Average	100	87	73	27	7

71. What is the difference between the number of students passed with 30 as cut-off marks in Zoology and those passed with 30 as cut-off marks in average?

 A.   3

 B.   4

 C.   5

 D.   6

72. If at least 60% marks in Physics are required for pursuing higher studies in Botany, how many students will be eligible to pursue higher studies in Botany?

 A.   27

 B.   32

 C.   34

 D.   41

73. The percentage of number of students getting at least 60% marks in Zoology over those getting at least 40% marks in aggregate, is approximately?

 A.   21%

 B.   27%

 C.   29%

 D.   31%

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74. The number of students scoring less than 40% marks in average is?

    A.   13
    B.   19
    C.   20
    D.   27

75. If it is known that at least 23 students were eligible for a Symposium on Zoology, then the minimum qualifying marks in Zoology for eligibility to Symposium would lie in the range?

    A.   40-45
    B.   30-40
    C.   20-30
    D.   Below 20

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