

H-34

HALL TICKET NO:

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M.B.A (Health Care and Hospital Management)

Entrance Examination – 2015

February, 2015

Max. Marks: 100

INSTRUCTIONS

Write you Hall Ticket Number in the OMR Answer sheet given to you. Also write the Hall Ticket Number in the space provided above.

The question paper booklet consists of 100 Questions. Each question carries one (1) mark.

There is a negative marking. Each wrong answer carries – 0.33 marks.

Answers are to be marked on the OMR answer sheet following the instructions provided thereupon.

Hand over the OMR answer sheet at the end of the examination to the Invigilator.

No additional sheet (s) will be provided, rough work can be done in the question paper itself/space provided at the end of the booklet.

Calculator, mobile phones and electronic gadgets are not allowed.

1. A man completed a journey in 10 hours. He travels first half distance of the journey at the speed of 60 kmph and second half at the rate of 40 kmph. Find the total journey in km.
 - A) 240
 - B) 480
 - C) 600
 - D) 720
2. A vendor bought a product at Rs. 500 after availing 20% discount. What was the marked price?
 - A) Rs. 625
 - B) Rs. 550
 - C) Rs. 600
 - D) Rs. 750
3. The ratio between the length and the breadth of a rectangle is 5: 1. If the area of the rectangle is 720 sq. cm, what is the perimeter of the rectangle (in cm)?
 - A) 72
 - B) 108
 - C) 144
 - D) 180
4. The average weight of 10 person's increases by 2 kg when a new person comes in place of one of them weighing 40 kg. What might be the weight of the new person?
 - A) 45 kg
 - B) 50 kg
 - C) 55 kg
 - D) 60 kg
5. The difference between simple and compound interests compounded annually on a certain sum of money for 2 years at 4% per annum is Re. 2. The sum (in Rs.) is:
 - A) 1500
 - B) 1250
 - C) 1000
 - D) 900

6. The difference between a two-digit number and the number obtained by interchanging the digits is 27. What is the sum of the digits of the number if the ratio between the two numbers is 4 : 7 ?
- A) 9
 - B) 8
 - C) 7
 - D) 5
7. How many five letter words can be formed by jumbling the word BUDDI?
- A) 120
 - B) 90
 - C) 80
 - D) 60
8. From a group of 7 men and 6 women, five persons are to be selected to form a committee so that exactly 3 men and 2 women are there on the committee. In how many ways can it be done?
- A) 56
 - B) 65
 - C) 50
 - D) 80
9. In the certain code ABCDEF is written as CFDBEA. What would PQRSTU be written in the same code?
- A) RUSPTQ
 - B) RUSQTP
 - C) RUSTPQ
 - D) RUSQPT
10. In the Series 14, 28, 20, 40, 32, 64, ?, what number should come in place of '?'
- A) 56
 - B) 96
 - C) 52
 - D) 128

11. Lilly, Prasanthi and Sowjanya can do a piece of work in 20, 30 and 60 days respectively. In how many days can Lilly do the work if she is assisted by Prasanthi and Sowjanya on every third day?
- A) 18
 - B) 17
 - C) 16
 - D) 15
12. Sugar worth Rs. 126 per kg and Rs. 135 per kg are mixed with a third variety in the ratio 1 : 1 : 2. If the mixture is worth Rs. 153 per kg, the price of the third variety per kg will be:
- A) Rs.169.50
 - B) Rs. 175.50
 - C) Rs. 180.00
 - D) Rs. 182.00
13. On selling 20 balls at Rs. 600, there is a profit equal to the cost price of 5 balls. The cost price of a ball is:
- A) Rs. 20
 - B) Rs. 22
 - C) Rs.24
 - D) Rs. 25
14. A sum of money is to be distributed among A, B and C in the proportion of 5:3:7. If C gets Rs. 5,000 more than B, what is A's share?
- A) Rs. 6,000
 - B) Rs. 6,250
 - C) Rs.6500
 - D) Rs. 7,500
15. The price of 2 fans and 4 shirts is Rs. 10,000. With the same money one can buy 3 fans and 1 shirt. If one wants to buy 12 shirts, how much shall he/she has to pay?
- A) Rs.12, 000
 - B) Rs.10, 800
 - C) Rs. 9,600
 - D) Rs. 8,400

16. Pipes A and B can fill a tank in 2 and 3 hours respectively. Pipe C can empty it in 6 hours. If all the three pipes are opened together, then the tank will be filled in:
- A) 2.25 hours
 - B) 3.5 hours
 - C) 1.5 hours
 - D) Rs. 2.5 hours
17. The greatest number of four digits which is divisible by 5, 14, 18 and 50 is:
- A) 9850
 - B) 9950
 - C) 9600
 - D) 9450
18. A hall is 15 m long and 12 m broad. If the sum of the areas of the floor and the ceiling is equal to the sum of the areas of four walls, the volume of the hall is:
- A) 1,800 cubic meters
 - B) 1,200 cubic meters
 - C) 1,500 cubic meters
 - D) 1,600 cubic meters
19. What will be the weekday on 18th December, 2018, if 1st July of the same year falls on Sunday?
- A) Tuesday
 - B) Monday
 - C) Wednesday
 - D) Friday
20. A bag contains 2 red, 3 green and 5 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is green?
- A) $\frac{18}{45}$
 - B) $\frac{21}{45}$
 - C) $\frac{24}{45}$
 - D) $\frac{15}{45}$

Study the following table chart and answer the questions from 21 to 25 based on it. Expenditures of a Company (in Lakh Rupees) per Annum Over the given Years.

Year	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
2008	288	98	3.00	23.4	83
2009	342	112	2.52	32.5	108
2010	324	101	3.84	41.6	74
2011	336	133	3.68	36.4	88
2012	420	142	3.96	49.4	98

21. What is the average amount of interest per year which the company had to pay during this period?
- A) 36.66 lakhs
 B) 36.26 lakhs
 C) 36.06 lakhs
 D) 36.36 lakhs
22. 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?
- A) 0.5%
 B) 1%
 C) 1.5%
 D) 2%
23. Total expenditure on all these items in 2008 was approximately what percent of the total expenditure in 2012?
- A) 47%
 B) 59%
 C) 61%
 D) 69%
24. Calculate the total expenditure of the company over these items during the year 2010 from the table chart given.
- A) Rs. 543.44 lakhs
 B) Rs. 544.44 lakhs
 C) Rs. 545.44 lakhs

- D) Rs. 546.44 lakhs
25. 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?
- A) 4:13
 - B) 7:13
 - C) 10:13
 - D) 11:13
26. What is the name of the disease in man arising out of Vitamin B1 deficiency ?
- A) Scurvy
 - B) Beriberi
 - C) Pellagra
 - D) Gingivitis
27. What in a doctor's prescription is often expressed as '120/80'?
- A) Hemoglobin Levels
 - B) Body Temperature
 - C) Blood Pressure
 - D) Height
28. Oesophagus, Liver, Pancreas and Intestines are part of which system of a human body?
- A) Respiratory
 - B) Reproductive
 - C) Digestive
 - D) Nervous
29. The outbreak of which of these diseases is triggered by the rainy season?
- A) HIV Infection
 - B) Dengue Fever
 - C) Tuberculosis
 - D) Chicken Pox

30. Which of these organisms are responsible for Rabies and Measles?
- A) Virus
 - B) Amoeba
 - C) Bacteria
 - D) Fungus
31. If you suffered from amnesia which of these would you most likely do?
- A) Start Dieting
 - B) Get Angry
 - C) Forget Things
 - D) Keep on Dancing
32. Which part of the eye is stored in eye banks for transplant?
- A) Cornea
 - B) Iris
 - C) Pupil
 - D) Retina
33. Which of these is measured with the help of a Glucometer?
- A) Heartbeat
 - B) Blood Pressure
 - C) Blood Sugar
 - D) Vision
34. Which of these medical conditions is most likely to cause dehydration?
- A) Malaria
 - B) Tetanus
 - C) Beriberi
 - D) Diarrhoea
35. With reference to genetics, which of these would best describe DNA and RNA?
- A) Base
 - B) Acid
 - C) Salt
 - D) Metal

36. Which of these organs helps in maintaining the sense of balance or equilibrium of our body?
- A) Nose
 - B) Ears
 - C) Tongue
 - D) Lungs
37. Which of these organs are found only in women?
- A) Appendix
 - B) Ovaries
 - C) Large Intestine
 - D) Pancreas
38. Transmission of HIV from HIV positive pregnant mother to her child can be prevented by which of these treatments ?
- A) Vaccination
 - B) Chemotherapy
 - C) Antiretroviral Therapy
 - D) Exchange of Blood of Newborn
39. Which is the heaviest internal organ in the human body?
- A) Pancreas
 - B) Heart
 - C) Liver
 - D) Lungs
40. Name the new health scheme launched on 6 March 2014 by North Delhi Municipal Corporation (NDMC) for women?
- A) Stri Swasthya Suraksha Yojna
 - B) Sri Swasth Suraksha Yojna
 - C) Stri Swasthy Suraksh Yojna
 - D) Sri Swasthya Suraksh Yojna

41. India's first Mental Health Policy was launched on ____.
- A) 10th September 2014
 - B) 10th October 2014
 - C) 10th November 2014
 - D) 10th December 2014
42. Who is the Union Minister for Health and Family Welfare?
- A) Shri J. P. Nadda
 - B) Dr. Rakesh Kumar
 - C) Dr. Harshavardhan
 - D) Shri Shripad Yesso Naik
43. World Heart Day was observed across the world on ____
- A) 29th September
 - B) 29th October
 - C) 29th November
 - D) 29th December
44. World's AIDS Day was celebrated on ____
- A) 29th November
 - B) 18th November
 - C) 1st December
 - D) 10th December
45. Which of the following is NOT caused by a virus?
- A) Rheumatic fever
 - B) Polio
 - C) Smallpox
 - D) Common cold

46. Management of an acute spinal sprain by a physical therapist in a direct access, outpatient environment is an example of
- A) Tertiary care.
 - B) Secondary care.
 - C) Primary care
 - D) Quarternary care
47. Four European nations, namely Germany, France, Luxembourg and Belgium on 6 December 2014 decided to suspend marketing authorisations for 25 drugs of a pharmaceutical company from India. Name the company
- A) Novartis
 - B) GVK Biosciences
 - C) Roche
 - D) Merck & Co.
48. The first country to report Ebola in this current outbreak was:
- A) Liberia
 - B) Guinea
 - C) Sierra Leone
 - D) Nigeria
49. HIPAA stands for
- A) Health Insurers Placement Association of America
 - B) Health Insurance Portability and Accountability Act
 - C) Health Indicators Profit Accessibility Act
 - D) Health Information Professionals Accountability Act
50. India's public spending on health just around _____ of GDP is among the lowest in the world.
- A) 1.2 percent
 - B) 0.8 percent
 - C) 0.5 percent
 - D) 1.5 percent

Directions for questions 51 to 55: From the given words, choose a word which means the almost Opposite as the given word.

51. Gregarious
- A) Anti Social
 - B) Anticipatory
 - C) Glorious
 - D) Horrendous

52. Audacity

A) Quivering

C) Bravado

B) Cowardice

D) Patricide

53. Insipid

A) Tasty

C) Angry

B) Silly

D) Active

54. Corroboration

A) Invalidation

C) Arrest

B) Proof

D) Alias

55. Bucolic

A) Citified

C) Intoxicated

B) Rustic

D) Sick

Directions for questions 56 to 60: From the given words, choose a word which means the almost the same as the given word.

56. Parsimonious

A) Excessively frugal

C) Ossify

B) Pariah

D) Ornate

57. Hedonism

A) Gap

C) Pleasure is the sole aim of life

B) Gusty

D) Pause

58. Occult

A) Mysterious

C) Odour

B) Ogle

D) Beak

59. Nebulous

- A) Denial
- C) Boring

- B) Cloudy
- D) Niggardly

60. Adipose

- A) Liquid
- C) Major

- B) Weighty
- D) Fatty

Directions for questions 61 to 65: Choose the grammatically correct sentence among the four options given below.

61.

- A) We went to the mall last Saturday.
- B) We went to mall last Saturday.
- C) We went to the mall on last Saturday
- D) We went to the mall on Saturday last.

62.

- A) You can't teach old dog new tricks
- B) You can't teach a old dog new tricks.
- C) You can't teach an old dog new tricks.
- D) You can't teach a old dog a new tricks.

63.

- A) Rahul has been studying at Delhi University for the two years now.
- B) Rahul has been studying at Delhi University for two years now.
- C) Rahul has been studying Delhi University for the two years now.
- D) Rahul has been studying Delhi University for a two years now.

64.

- A) The dentist kept him waiting for over a hour
- B) Dentist kept him waiting for over an hour.
- C) The dentist kept him waiting for over an hour.
- D) Dentist kept waiting him for over an hour.

65.

- A) My garden's been overrun by weeds ever since the rains set in.
- B) My garden's been overrun by a weeds ever since rain set in.
- C) My garden's been the overrun by weeds ever since rains set in.
- D) My garden's been overrun by weeds ever since rain has been set in

Directions for questions 66 to 70: Choose the appropriate word among the given words.

66. They are going to _____ that dilapidated building to the ground.

- | | |
|---------|----------|
| A) raze | B) raise |
| C) rays | D) race |

67. This restaurant's gourmet cuisine is supposed to satisfy even the most exacting _____.

- | | |
|------------|-----------|
| A) palette | B) pallet |
| C) palate | D) parade |

68. After pushing him to the ground, the bully _____ him in the stomach.

- | | |
|----------|----------|
| A) knead | B) need |
| C) nead | D) kneed |

69. This is my favourite, most comfortable _____ of shoes.

- | | |
|---------|---------|
| A) Pair | B) pare |
| C) pear | D) pyre |

70. All eyes were on the bride as she walked gracefully down the _____.

A) isle

B) aisle

C) I'll

D) islet

Directions for questions 71 to 75: 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 lettered pair of words that has the same relationship as the original pair of words.

71. Obscure : Recognize ::

A) Perplexing: Tangle

B) Garbled : Comprehend

C) Liberated: Free

D) Erased: Inspire

72. Repugnant : Repel ::

A) Illogical: Upset

B) Cogent: Convince

C) Risky: Avoid

D) Fluent: Refine

73. Frieze: Ornament ::

A) Pillar : Support

B) Contour: Form

C) Arabesque: Emphasize

D) Nave : Fringe

74. Affection: Embrace::

A) Dilemma: Frustration

B) Fear: Foreboding

C) Boredom: Listlessness

D) Respect : Obeisance

75. Leaf: Oak ::

A) Bulb: Tulip

B) Berry: Fruit

C) Tree: Forest

D) Needle : Pine

76. The venue for 2016 Olympics will be ____
- A) London
 - B) Lausanne
 - C) Rio De Janeiro
 - D) Geneva
77. When is the World Autism Awareness day observed?
- A) February 13th
 - B) March 5th
 - C) April 2nd
 - D) May 3rd
78. Which Airline in India has struck a deal with ' Etihad Airways'?
- A) Indigo
 - B) Kingfisher
 - C) Jet Airways
 - D) Indian
79. Who has recently been appointed Chairman of Tata Group
- A) Ratan Tata
 - B) Cyrus Pallonji Mistry
 - C) N A Soonawala
 - D) R K Krishnakumar
80. 'Mahakumbh' is a religious congregation organized once in ____
- A) 6 Years
 - B) 8 Years
 - C) 12 Years
 - D) 15 Years
81. Which of these personalities is known as the 'Flying Sikh'?
- A) Gurbachan Singh Randhawa
 - B) Harbhajan Singh
 - C) Navjot Singh Sidhu
 - D) Milkha Singh

82. What was the name of India's first test tube baby developed using IVF technique by Dr Subhas Mukherjee?
- A) Lakshmi
 - B) Saraswati
 - C) Kali
 - D) Durga
83. According to the Guinness World Records, which temple became the world's richest Hindu temple in 2011?
- A) Siddhivinayak Temple
 - B) Sree Padmanabhaswamy Temple
 - C) Tirumala Venkateswara Temple
 - D) Somnath Temple
84. Which of these films is based on the life of a 5 times world championship winner?
- A) Bhaag Milkha Bhaag
 - B) Paan Singh Tomar
 - C) Saaheb
 - D) Mary Kom
85. The 2014 Nobel prize for physics was awarded for the invention of what?
- A) CCD Sensor
 - B) Blue Light Emitting Diodes
 - C) Robotic Exoskeleton
 - D) Graphene
86. In the 2014 Asian games on which event did India win gold medal in both male and female categories?
- A) Volleyball
 - B) Kabaddi
 - C) Hockey
 - D) Archery

87. In which direction does the needle of a compass point?
- A) East
 - B) West
 - C) North
 - D) South
88. What is the name given to the cyclone passing through the coastal areas of Odisha and Andhra Pradesh in 2014?
- A) Nilofer
 - B) Bijli
 - C) Viyaru
 - D) Hudhud
89. Which is the tallest building in the world?
- A) C N Tower
 - B) Taipei 101
 - C) Burj Khalifa
 - D) Burj Al Arab
90. Which was the first successful Mars Mission?
- A) Mariner 4
 - B) Viking 1
 - C) Mars 1
 - D) Mariner 6
91. Which new university named after an ancient center of learning in its vicinity, began its academic session in 2014?
- A) Vikramshila
 - B) Takshila
 - C) Nalanda
 - D) Pushpagiri
92. In Which state was the Electronic Voting Machine used for the first time in any election in India?
- A) Maharashtra
 - B) Karnataka
 - C) West Bengal
 - D) Kerala

93. Which city in Rajasthan lends its name to the artificial limbs made by Bhagwan Mahaveer Viklang Sahayata Samiti?
- A) Ajmer
 - B) Jaipur
 - C) Udaipur
 - D) Bikaner
94. Effective on may 2014, the European Union imposed a temporary ban on the import of which of these fruits from India?
- A) Banana
 - B) Litchi
 - C) Mango
 - D) Pineapple
95. Which of these is the name of an island as well as a type of Coffee?
- A) Mocha
 - B) Arabica
 - C) Java
 - D) Oolong
96. Which of these Nobel Prize winners was born in Shantiniketan ?
- A) Subrahmanyam Chandrasekhar
 - B) Rabindranath Tagore
 - C) Muhammad Yunus
 - D) Amartya Sen
97. Which Indian cricket commentator was recently appointed by Tourism Australia as brand ambassador?
- A) Harsha Bhogle
 - B) Ravi Shastri
 - C) Sunil Gavaskar
 - D) Saurav Ganguly

98. Rolene Strauss, who won the Miss World 2014 is from which country?
- A) Hungary
 - B) USA
 - C) Honduras
 - D) South Africa
99. Which country shocked 2014 FIFA World Cup champions Germany with a convincing 2-0 win in a Euro 2016 qualifying match held on 11 October 2014?
- A) Italy
 - B) Spain
 - C) Poland
 - D) Brazil
100. Which country won the ICC Under-19 Cricket World Cup 2014 ?
- A) Sri Lanka
 - B) Australia
 - C) England
 - D) South Africa