

HALL TICKET NO:

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**M.B.A (Health Care and Hospital Management)****ENTRANCE EXAMINATION - 2014**

February, 2014

Max. Marks: 100

**INSTRUCTIONS**

*Write your 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 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.*

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1. In the series 13, 17, 25, ?, 53, 73, 97, What number should come in place of ?  
A) 36  
B) 37  
C) 38  
D) 39
2. Neha, Archita and Swarna can do a piece of work in 20, 30 and 60 days respectively. In how many days can Neha do the work if he is assisted by Archita and Swarna in every third day?  
A) 12 days  
B) 15 days  
C) 16 days  
D) 18 days
3. A vendor bought chocolates at 6 for a rupee. How many for a rupee must he sell to gain 20 %?  
A) 3  
B) 4  
C) 5  
D) 6
4. Present ages of Abhinav and Suresh are in the ratio 5 : 4 respectively. Three years hence, the ratio of their ages will be 11 : 9 respectively. What is Suresh's present age in years?  
A) 24  
B) 28  
C) 40  
D) 32
5. A train running at the speed of 72 km/hr crosses a pole in 9 seconds. What is the length of the train?  
A) 120 meters  
B) 180 meters  
C) 324 meters  
D) 150 meters
6. In how many different ways can the letters of the word 'ROUTER' be arranged in such a way that the vowels always come together?  
A) 72  
B) 144  
C) 180  
D) 720
7. The H.C.F. of two numbers is 7 and their L.C.M. is 210. If one of the numbers is 35, find the other.  
A) 10  
B) 15  
C) 42  
D) 70

8. In the certain code, GAMESMAN is written as AGMEMSAN. What would DISCLOSE be written in the code?
- A) DISCLOSE  
B) DICSOLES  
C) IDSCOLES  
D) IDSCLOSE
9. On what date of April 2015, will SUNDAY fall?
- A) 2  
B) 19.  
C) 4  
D) 23
10. How much time will it take for an amount of Rs. 1200 to yield Rs. 900 as interest at 5% per annum of simple interest?
- A) 12 years  
B) 15 years  
C) 18 years  
D) 20 years
11. A clock is started at noon. By 10 minutes past 5, the hour hand has turned through how many degrees?
- A) 145  
B) 150  
C) 155  
D) 160
12. 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
13. A tap can fill a tank in 6 hours. After half the tank is filled, three more similar taps are opened. What is the total time taken to fill the tank completely?
- A) 3 hrs  
B) 3 hrs 15 min.  
C) 3 hrs 45 min.  
D) 4 hrs 15 min.
14. The average weight of A, B and C is 60 kg. If the average weight of A and B be 40 kg and that of B and C be 70 kg, then the weight of B is:
- A) 25 kg  
B) 30kg

C) 40 kg

D) 45 kg

15. A can do a work in 30 days and B in 40 days. If they work on it together for 6 days, then the fraction of the work that is left is :

A)  $\frac{1}{4}$ B)  $\frac{1}{10}$ C)  $\frac{7}{15}$ D)  $\frac{13}{20}$ 

16. 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) 720

B) 900

C) 1200

D) 1800

17. A sum of money is to be distributed among A, B, C, D in the proportion of 1 : 2 : 3 : 4. If C gets Rs. 1000 more than A, what is D's share?

A) Rs. 500

B) Rs. 1500

C) Rs. 2000

D) Rs. 1000

18. The largest four digit number exactly divisible by each of 12, 15, 18 and 27 is:

A) 9690

B) 9720

C) 9930

D) 9960

19. A and B invest in a business in the ratio 3 : 2. If 20% of the total profit goes to charity and A's share is Rs. 1200, the total profit is:

A) Rs. 2000

B) Rs. 2500

C) Rs. 2800

D) Rs. 3000

20. Tea 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. 170

C) Rs. 175.50

D) Rs. 180

The following table gives the sales of phones manufactured by a company over the years. Number of different types of phones sold by a company over the years.



26. In which of the following year the Transplantation of Human Organs Act was passed by Government of India?

- A) 1994
- C) 2000

- B) 1996
- D) 2002

27. Vision 2020 "The right to sight" includes all except

- A) Trachoma
- C) Cataract

- B) Epidemic conjunctivitis
- D) Onchocerciasis

28. World Cancer Day is observed on -----

- A) March 4
- C) April 4

- B) February 4
- D) December 4

29. The Union Cabinet of India on 1 May 2013 approved the launch of the \_\_\_\_\_ Mission to reduce rates of infant mortality, maternal mortality and for universal access to reproductive health care.

- A) National Urban Health Mission
- B) National Maternity Management Mission
- C) National Infant and Mother Mortality Mission
- D) Universal Access To Reproductive Health Care Mission

30. India has finally woken up to the needs of the country's elderly. With the number of people in the 60-plus age group in India expected to increase to 100 million in 2013 and to 198 million in 2030, the health minister is all set to roll out the?

- A) National Programme for Health care for the Elderly
- B) National Programme for Senior Citizens
- C) National Programme for Old Aged
- D) Rashtriya Vriddha Swasthya Yojana

31. What is the name of the disease in man arising out of Vitamin B1 deficiency ?
- A) Scurvy  
B) Beriberi  
C) Pellagra  
D) Gingivitis
32. Which company won the Sterilization services company of the year award at the Frost & Sullivan's fifth annual India healthcare awards.(announced in October 2013)
- A)Ranbaxy  
B) Cipla  
C)3 M Healthcare  
D)Sun paharma
33. Religare Health Insurance has signed a deal with which Indian PSU bank in September 13 to mark its product and service bouquet through the distribution network of the bank.
- A)Union Bank of India  
B)IDBI Bank  
C)Central Bank of India  
D)Allahabad Bank
34. Which hospital received the prestigious QCI-DL Shah National Quality Award (financial year April 2012-March 2013) for the initiative Six sigma study on Reducing delay in cycle time of STAT pharmacy items under the category of Hospital / Healthcare services.
- A) Apollo Hospital  
B) Global Hospital  
C) Fortis Hospital  
D) Hinduja Hospital
35. An Indian origin woman has taken over as the chief executive officer of a South African hospital, Groote Schuur Hospital in Cape Town, renowned globally as the place where the world's first heart transplant was carried out.
- A) Bhavna Patel  
B) Anitha Deepak  
C) Ranjitha Singh  
D) Deepika Arjun
36. Accredited Social Health Activists (ASHAs) was instituted by which Ministry?
- A) Rural Development Ministry  
B) Child Welfare Ministry  
C) Human Welfare Ministry  
D) Ministry of Health and Family Welfare
37. Which state has announced to set up First Public Health University in India recently in April 2013?
- A) West Bengal  
B) Odisha  
C) Assam  
D) Bihar

38. World Health Day is celebrated on 7 April to mark the anniversary of the founding of WHO in 1948. Each year a theme is selected for World Health Day that highlights a priority area of public health concern in the world. The theme for 2013 is -----
- A) Low Cholesterol  
B) High Blood Pressure  
C) High Fat  
D) None of the above
39. Which of the following tests is used for the diagnosis of 'Colour-Blindness' in people?
- A) Ishihara Test  
B) Widal Test  
C) ELISA test  
D) Rorschach test
40. What is NABH?
- A) National Association Board of Health and Hospital  
B) National Accreditation Board for Hospitals and Healthcare  
C) National Accreditation Board for Health  
D) National Association of Bureau of Hospitals
41. The nutrient that makes up the greatest percentage of your body is -----
- A) Water  
B) bone  
C) Muscle  
D) skin and connective tissue
42. In a major initiative to combat TB epidemic a joint statement has been signed between:
- A) WHO and International Pharmaceutical Federation  
B) WHO and India Health Organization  
C) WHO and Ministry of Health and Family Welfare  
D) WHO and World Bank
43. The Indian health ministry has recently banned the serological test kits. The test is used for diagnosis of:
- A) AIDS  
B) Malaria  
C) Tuberculosis  
D) Dengue
44. Where is the World Health Organization (WHO) headquarters?
- A) Geneva  
B) Rome  
C) New York  
D) England



45. The Union Health and Family Welfare Minister Shri Ghulam Nabi Azad has launched the National AIDS Control Organization's Red Ribbon Express Phase III on the National Youth Day. The Red Ribbon Express was first launched in:

- A)2007  
C) 2004

- B)2005  
D)2006

46. In which year The Public Health Foundation of India (PHFI) was created as a public-private initiative and launched by the Prime minister of India, Manmohan Singh

- A)2007  
C) 2004

- B)2005  
D)2006

47. Which among the following states lead in the infant mortality in India?

- A)Odisha  
C) Madhya Pradesh

- B)Uttar Pradesh  
D)Assam

48. Health care organizations play an important role in population health. Given the current directions in health service delivery, which of the following is the most appropriate role for a health care organization to play?

- A. developing secondary prevention clinics in collaboration with community agencies and disease-related organizations  
B. developing primary prevention programs for the community in conjunction with community agencies  
C. facilitating the community development approach to managing the determinants of health for specific high risk populations in the community  
D. none of the above

49. What is abbreviation for CDSCO

- A. Central Drugs Standard Community Organization  
B. Central Drugs Standard Conduct Organization  
C. Central Drugs Standard Control Organization  
D. Central Drugs Steering Committee Organization

50. Care provided by the hospital on day care basis includes all except:

- A)MPT  
C)Sterilisation

- B)Cataract Operation  
D)Caesarian Section

Directions for questions 51 to 55: In each of the following questions, there is a certain relationship between two given words on one side :: and one word is given on other side of ::

while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Choose the correct alternative.

51. Trite : Original :: Banal : ?

A) First

B) Inebriety

C) New

D) Old

52. Infection : Gangrene :: Cold : ?

A) Serum

B) Allergy

C) Fever

D) Rain

53. Awl : Auger :: Cobbler : ?

A) Uppers

B) Lowers

C) Carpenter

D) Knife

54. Entrepreneur : Profit :: Worker : ?

A) Toil

B) Contract

C) Belligerent

D) Wages

55. Sedative : Sleep :: Solace : ?

A) Oblivion

B) Profit

C) Grief

D) inebriety

Directions for questions 56 to 60: In each of the following sentences, parts of the sentence are left blank. Beneath each sentence, four different ways of completing the sentence are indicated. Choose the best alternative from among the four.

56. In order to control and defeat the dreadful diseases that plague humanity, \_\_\_\_\_ activity is necessary.

A) Vital

B) Concerted

C) Constant

D) full

57. Such homely virtues as \_\_\_\_\_, hard work and simplicity appear old fashioned in these days.

A) Parsimony

B) Asceticism

C) Prodigality

D) Thrift

58. A leader, young or old must have character traits that inspire others to accept his leadership, he must display courage, intelligence and \_\_\_\_\_

A) Wisdom

B) Bravery

C) Timorousness

D) Integrity

59. His employees could not complain about his work because he was \_\_\_\_\_ in the performance of his duties.

A) Assiduous

B) Derelict

C) Penetrating

D) Diversified

60. He is much too \_\_\_\_\_ in his writings; he writes a page when a sentence should suffice

A) Diffuse

B) Prolix

C) Pithy

D) Sententious

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

61.

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 been studying Delhi University for the two years now

62.

A) Junior employees need an advice from their bosses now and then.

B) Junior employees need a advice from their bosses now and then

C) Junior employees need advice from their bosses now and then

D) Junior employees need advice from their bosses now and then.

63.

A) Cat was quite aggressive and attacked whoever a tried to touch her

B) The cat was quite a aggressive and attacked whoever tried to touch the her.

C) The cat was quite aggressive and attacked whoever tried to touch the her.

D) The cat was quite aggressive and attacked whoever tried to touch her.

64.

- 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 the overran by weed ever since rains set in

65.

- A) Why don't you borrow dress from your sister for a party this evening?
- B) Why don't you borrow a dress from your sister for the party this evening?
- C) Why don't you borrow a dress from your sister for party this evening?
- D) Why don't you borrow a dress from your sister for party this evening?

Directions for questions 66 to 70: From the given words, choose a word which means almost the same as the given word.

66. Aphasia

- |                   |             |
|-------------------|-------------|
| A) Apiary         | B) Aureole  |
| C) Loss of speech | D) Arrogate |

67. Admonition

- |             |                |
|-------------|----------------|
| A) Warning  | B) Afflatus    |
| C) Headless | D) Repudiation |

68. Dulcet

- |                   |            |
|-------------------|------------|
| A) Sweet sounding | B) Noxious |
| C) Debacle        | D) Cursive |

69. Execrate

- |               |            |
|---------------|------------|
| A) Curse      | B) Gambit  |
| C) Brilliance | D) Debased |

70. Embryonic

A) Rudimentary

C) Emphyreal

B) Emollient

D) Enjoin

Directions for questions 71 to 75: From the given words, choose a word which means almost the Opposite as the given word.

71. Equanimity

A) Caution

C) Disparity

B) Clamor

D) Agitation

72. Moribund

A) Living

C) Futile

B) Mortal

D) Beginning

73. Overt

A) Hidden

C) Canceled

B) Blatant

D) Despicable

74. Momentous

A) Unimportant

C) Hourly

B) Suitable

D) Tiny

75. Choleric

A) Idiotic

C) Spoiled

B) Good natured

D) Immune

76. World Health Day was observed on:

A) April 7<sup>th</sup>

B) May 7<sup>th</sup>

C) December 1<sup>st</sup>

D) March 8<sup>th</sup>

77. The "Atlas" bone in the human body is located in:

A) Chest

B) Neck

C) Stomach

D) Feet

78. The Director of Film 'Life of Pi'?

A) Bruce Lee

B) Arnold

C) Ang Lee

D) None of the Above

79. Chemical formula for Water is

A)  $\text{NaA}_1\text{O}_2$

B)  $\text{H}_2\text{O}$

C)  $\text{Al}_2\text{O}_3$

D)  $\text{CaSiO}_3$

80. Who won the prestigious Jnanpith award for the year 2012 for Telugu Literature?

A) C. Narayan Rao

B) Kamleshwar

C) Ravuri Bharadhwaja

D) Nageshwar Rao

81. The Best feature film selected for the 60th National Film Awards 2012?

A) Barfi

B) Paan Singh Tomar

C) Taare Zameen Par

D) Kahani

82. Which Scientist has been named for the Bharat Ratna in 2013?

A) Prof C N R Rao

B) Prof. U R Rao

C) Prof Yash Pal

D) Dr K Radhakrishnan

83. From where did ISRO launch its Mars Orbiter Mission – 'Mangalyaan' in November 2013?

A) Thumba

B) Sriharikota

C) Balasore

D) Chandipur

84. Scurvy is a deficiency disease caused by lack of:

A) Vitamin A

B) Vitamin B

C) Vitamin C

D) Vitamin D

85. Which of these Indian currency notes does not have the special geometrical shape that helps the visually impaired denominations?

- A)Rs 100
- C)Rs 1000

- B)Rs 50
- D)Rs10

86. Name the actor who has established the Charitable Trust named "Being Human"?

- A)Aamir Khan
- C)Salman Khan

- B)Shah Rukh Khan
- D)Saif Ali Khan

87. World Autism Awareness Day was observed on:

- A)April 2<sup>nd</sup>
- C)December 1<sup>st</sup>

- B)July 11<sup>th</sup>
- D)None of the Above

88. Which of these is the administrative head of a district in India?

- A)DM
- C)DCP

- B)DIG
- D)DSP

89. What in a doctor's prescription is often expressed as '120/80'?

- A)Haemoglobin Levels
- C)Blood Pressure

- B)Body Temperature
- D)Height

90. Which of these personalities is known as the 'Flying Sikh'?

- A)Manmohan Singh
- C)Navjot Singh Sidhu

- B)Harbhajan Singh
- D)Milkha Singh

91. What was the name of India's first test tube baby developed using IVF technique by Dr Subhas Mukherjee?

- A)Lakshmi
- C)Kali

- B)Saraswati
- D)Durga

92. Which is the least populated state of India?

- A)Manipur
- C)Sikkim

- B)Arunachal Pradesh
- D)Goa

93. The largest organ of the body is :

- A)Large Intestine
- C)Liver

- B)Skin
- D)Stomach

94. Who was the Chairman of the Drafting committee of the Constituent of India?
- A)Dr. Rajaendra Prasad  
C)Vallabhbai Patel
- B)Dr. B R Ambedkar  
D)Lal Bahadur Shastri
95. Which of these constitutional positions has never been held by a woman in India?
- A)President  
C)Chief Minister
- B)Vice President  
D)State Governor
96. Which of these films has the tag line 'Every Child is Special'?
- A)Slum Dog Millionaire  
C)Taare Zameen Par
- B)Paa  
D)Paathshaala
97. The president of which African country was conferred the Indira Gandhi Peace Prize in September 2013?
- A)Nigeria  
C)Ethiopia
- B)Kenya  
D)Liberia
98. According to the Guinness World Records, which temple became the world's richest Hindu temple in 2011?
- A) Siddhivinayak Temple, Mumbai  
B) Sree Padmanabhaswamy Temple , Thiruvananthapuram  
C) Tirumala Venkateswara Temple, Andhra Pradesh  
D) Somnath Temple, Gujrat
99. When an iron nail gets rusted, iron oxide is formed :
- A) Without any change in the weight of the nail  
B) With decrease in the weight of the nail  
C) With increase in the weight of the nail  
D) Without any change in colour or weight of the nail
100. At which of these places did Chanakya get Chandragupta Maurya trained in the art of war and politics?
- A)Takshashila  
C)Ujjain
- B)Kashi  
D)Nalanda

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