

HALL TICKET NO:

--	--	--	--	--	--	--	--	--	--

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

Entrance Examination - 2012

June, 2012

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 both the question paper booklet and 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.*

Y-34



- 7 How many words can be formed out of the letters of the word 'ARTICLE' so that the vowels occupy the even places?
- A) 144  
B) 24  
C) 6  
D) 20
- 8 A basket contains 6 blue, 2 red, 4 green and 3 yellow marbles. If 2 balls are picked at random, what is the probability that either both are green or both are yellow?
- A)  $\frac{2}{5}$   
B)  $\frac{3}{35}$   
C)  $\frac{1}{3}$   
D)  $\frac{3}{91}$
- 9 A and B are two alloys of gold and copper prepared by mixing metals in the ratio 7 : 2 and 7 : 11 respectively. If equal quantities of the alloys are melted to form a third alloy C, the ratio of gold and copper in C will be:
- A) 5 : 9  
B) 5 : 7  
C) 7 : 5  
D) 9 : 5
- 10 Two customers borrowed the same amount of money, one at compound interest and at the other at simple interest. If after two years, the interest payable by one was ₹ 220 and the other ₹ 200, then what was the principle money lent to each of them?
- A) 450  
B) 500  
C) 550  
D) 575
- 11 A builder decided to build a house in 50 days. He employed 150 men at the beginning and another 80 men after 20 days and completed the work in stipulated time. If he had not employed the additional men, how many days behind schedule would it have been finished?
- A) 10 days  
B) 12 days  
C) 15 days  
D) 16 days

12 B is son of C's grandfather's only daughter. How is C's father related to B?

- A) Grandfather  
 B) Uncle  
 C) Father  
 D) Son-in-law

**Directions for questions 13 to 17:** These questions are based on the following information regarding the price changes that a certain pharmaceutical company is considering for its products

Product	Existing Price (Rs)	Revised Price (Rs)
Antacid	1.50	2.50
Anti Hypertensive	10.00	12.50
Expectorant	18.00/Bottle	24.00/Bottle
Anti Asthmatic	20.00	26.00
Anti Pyretic	5.00	8.00

The prices for all the products except Expectorant are the prices of 10 tablets.

13 If a family has a hypertensive and an asthmatic patient, where the person with hypertension has to consume three tablets of Anti Hypertensive per day and the asthmatic patient has to take two tablets of Anti Asthmatic every alternate day, what will be the increase in expenditure on two patients for 30 days?

- A) Rs.40.50  
 B) Rs.42.75  
 C) Rs.46.50  
 D) Rs.38.50

14 What is the percentage increase in the expenditure of a person for one year if he consumes 32 tablets of Antacid in one week?

- A)  $5\frac{1}{2}\%$   
 B)  $6\frac{1}{2}\%$   
 C)  $7\frac{1}{2}\%$   
 D) None of these

Y-34

- 15 What is the percentage increase in the expenditure of a person for one year if he consumes 10 tablets of Anti Asthmatic in one week?
- A) 25% B) 28 %  
 C) 30% D) None of these
- 16 A person is prescribed to take two spoons of Expectorant thrice everyday for a period of 20 weeks. Assuming that each bottle of Expectorant contains 90 spoons. Find the expenditure according to the existing prices.
- A) Rs.200 B) Rs.180  
 C) Rs.168 D) Rs.240
- 17 A person is prescribed a combination of antipyretic and anti-asthmatic such that he has to take one of these before breakfast, the other after lunch and the one he had at breakfast at dinner also; if he consumed an antipyretic at the end of the dinner after the 7th day of the course, he started the course with
- A) Anti-asthmatic B) Antipyretic  
 C) Not possible to determine D) None of the above
- 18 Ajay, Vijay and Dhananjay purchased 1, 10 and 25 notebooks for a total of Rs.14, Rs.130 and Rs.300 respectively from a stationery shop. In his transaction with Ajay and Dhananjay, the shopkeeper made a profit of  $p\%$  and  $q\%$  respectively such that  $p = 2q$ . How much profit did the shopkeeper make in his transaction with Vijay?(Assume that the shopkeeper bought each note book at the same price)
- A) 22% B) 25%  
 C) 28% D) 30%
- 19 A person had to multiply two numbers. Instead of multiplying by 35, the person multiplied by 53, and the product went up by 540. What was the raised product?
- A) 780 B) 1040  
 C) 1590 D) None of these

- 20 There are two lights. The first light blinks 3 times per minute while the other blinks 5 times in two minutes. Find the no. of times they will blink together in an hour.
- A) 20  
B) 30  
C) 60  
D) 80
- 21 There are two persons A and B who joined an organization on 1st Jan 1970. A joined at Rs. 300 and annual increment of Rs.30. B gets salary of Rs. 200 and hike of Rs. 50 per six month. Find the total amount distributed at the end of 31st December 1979.
- A) 91200  
B) 92800  
C) 97200  
D) None of these
- 22 09/12/2001 is Sunday. What was the day on 09/12/2007?
- A) Thursday  
B) Wednesday  
C) Saturday  
D) Sunday
- 23 A vendor bought drugs at 6 for a rupee. How many for a rupee must he sell to gain 20%?
- A) 5  
B) 6  
C) 7  
D) 8
- 24 A train running at a speed of 60kmph crosses a pole in 9sec. What is the length of the train?
- A) 100mts  
B) 150mts  
C) 200mts  
D) 250mts
- 25 The angle between minute hand and the hour hand of a clock when the time is 4.20?
- A) 50  
B) 75  
C) 10  
D) 25
- 26 International Nurses day is celebrated on:
- A) April 16  
B) June 11  
C) May 12  
D) September 16

- 27 Avianflu is also known as
- A) Swineflu  
B) Eyeflu  
C) Birdflu  
D. None of the above
- 28 Which one of the following is bad for cholesterol count?
- A) Coconut oil  
B) Olive oil  
C) Mustard oil  
D) Soya oil
- 29 Rs 10,000 crore National Rural Health Mission (NRHM) scam which became main headline of TV/Newspapers recently, took place in
- A) Tamil Nadu  
B) Andhra Pradesh  
C) Madhya Pradesh  
D) Uttar Pradesh
- 30 Recently launched indigenous tablet PC for health workers at Primary health centres in Rural areas is called as:
- A) Rural Tablet PC  
B) Kalam –Raju Tablet PC  
C) Kalam - Tiwari Tablet PC  
D) Indian Tablet PC
- 31 As birth rates drop , the percentage of elderly people will:
- A) Decrease  
B) Increase  
C) Stay on the same  
D) Fluctuate
- 32 Which of the following is a greenhouse gas that is released by human activities and speeds up global warming?
- A) Petroleum  
B) Carbon dioxide  
C) Natural gas  
D) Nuclear power
- 33 The main source of water pollution is :
- A) Sewage Water  
B) Atmospheric  
C) Rain Water  
D) Well-Water
- 34 Earth day is observed on :
- A) February 16  
B) April 22  
C) April 4  
D) September 17

- 35 Which of the following Indian companies has announced to supply Cholera vaccines to the African nation Haiti?
- A) Ranbaxy  
C) Glaxo
- B) Pfizer  
D) Shantha Biotech
- 36 Which of the following is the rarest disease?
- A) Glaucoma  
C) Schizophrenia
- B) Smallpox  
D) Brain tumor
- 37 Who invented the Blood Bank?
- A) Charles Richard Drew  
C) Arthur Wynne
- B) Thomas Davenport  
D) Philip B. Downing
- 38 Which country's name has recently been removed from the list of the polio-ridden countries of the world by World Health Organisation?
- A) Angola  
C) Pakistan
- B) India  
D) Nigeri
- 39 Citing health hazards, which State Government has banned use of the pesticide Endosulfan with immediate effect?
- A) Kerala  
C) Maharashtra
- B) Karnataka  
D) Andhra Pradesh
- 40 Which state government, on March 7, 2011, announced to undertake a detailed census of cancer patients in the state?
- A) Delhi  
C) Punjab
- B) Haryana  
D) Orissa
- 41 How many bones make up the human spine?
- A) 37  
C) 41
- B) 33  
D) 36



- 42 'Multi Drug Therapy' is used for curing which disease?
- A) AIDS  
B) Cancer  
C) TB  
D) Leprosy
- 43 The world's first artificial human heart transplant surgery was conducted by-
- A) Dr. Christiaan Barnard  
B) Dr. Venugopal  
C) Dr. Chittaranjan Ranawat  
D) Dr. Richard Stevenson
- 44 First Indian Laboratory (and India to be the 26th country) to be accredited by the College of American Pathology is:
- A) Cipla lab  
B) Speciality Ranbaxy Ltd  
C) Zydu s Cadila Ltd  
D) Sun Pharma lab
- 45 The largest organ of the human body is:
- A) Liver  
B) Skin  
C) Heart  
D) Kidney
- 46 What is the abbreviation for HIPPA?
- A) Health Information Privacy Administration Act  
B) Health Insurance Privacy Administration Act  
C) Health Insurance Portability and Accountability Act  
D) Health Insurance Portability and Administration Act
- 47 India is an attractive healthcare destination expected to bring in between ..... into the country by year 2012, according to a study conducted by CII McKinsey.
- A) USD 11.3 - 22.6 billion  
B) USD 21.3-22.6 billion  
C) USD 10.3-11.6 billion  
D) USD 10.3-21.6 billion
- 48 Recently, the .....was also awarded for the Best Medical Tourism Facility in the country. The President Pratibha Patil handed over the award, conferred by the Ministry of Tourism, Government of India, on the 29<sup>th</sup> of February.
- A) Reify Hall Clinic  
B) Ruby Hall Clinic  
C) Rand Hall Clinic  
D) Rye Hall Clinic

49 The size of the Indian healthcare industry is estimated to be a whopping ..... by 2022 and slated to grow at ..... CAGR.

A) US\$ 80 billion, 10 %

B) US\$ 100 billion, 15 %

C) US\$ 180 billion, 10 %

D) US\$ 280 billion, 15 %

50 Shalby Hospitals has won the prestigious Rajiv Gandhi National Quality Award 2010, instituted by the union ministry of consumer affairs, food and public distribution. Shalby is the first hospital in Western India to receive this award in 'Large Scale Service Sector' category. In which city it is located?

A) Mumbai

B) Surat

C) Nagpur

D) Ahmadabad

**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 another 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 Influenza : Virus :: Typhoid:?

A) Bacillus

B) Parasite

C) Protozoa

D) Bacteria

52 Tree : Forest :: Grass:?

A) Lawn

B) Field

C) Garden

D) Farm

53 Eye : Myopia :: Teeth:?

A) Pyorrhea

B) Cataract

C) Trachoma

D) Eczema

54 Pesticide : Crop :: Antiseptic:?

A) Wound

B) Clotting

C) Bandage

D) Bleeding

55 Doctor : Diagnosis :: Judge:?

A) Court

B) Punishment

C) Lawyer

D) Judgment

**Directions for questions 56 to 60:** Directions: 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 Ravi was so badly injured that he needed.....care in the hospital.

A) Deep

B) Little

C) Intensive

D) Extensive

57 The patient's attendants were afraid, but the Doctor ..... them that there was no danger.

A) Advised

B) Promised

C) Informed

D) Assured

58 Wheat..... Carbohydrates, vitamins, proteins, and dietary fiber in our daily diet.

A) Gives

B) Has

C) Provides

D) Have

59 ..... The arrival of the police, nobody went near the dead body.

A) Even

B) Unless

C) Till

D) Although

60 However, the group's long-term strategy is to ..... on core sector business connected with Healthcare Industry.

A) Depend

B) Breed

C) Concentrate

D) Develop

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

61 Choose the grammatically correct sentence:

- A) I am not one of those who believe everything they hear.
- B) I am not one of these who believes everything I hear.
- C) I am not one of those who believes everything he hears.
- D) I am not one of those who believes in everything one hears.

62 Choose the grammatically correct sentence:

- A) Cannot one do what one likes with one's own?
- B) Cannot one do that one likes to do with his own?
- C) Cannot one do that one likes with his own?
- D) Cannot one do what he likes with his own?

63 Choose the grammatically correct sentence:

- A) There's Mr. Som, whom they say is the best singer in the country.
- B) There's Mr. Som, who they say is the best singer in the country.
- C) There is Mr. Som, whom they say is the best singer in the country.
- D) There is Mr. Som who, they say is the best singer in the country.

64 Choose the grammatically correct sentence:

- A) Each of the students has done well
- B) Each of the student has done well
- C) Each of the students have done well
- D) Each of the student have done well

65 Choose the grammatically correct sentence:

- A) Today we love, what tomorrow we hate; today we seek, what tomorrow we shun, today we desire, what tomorrow we fear.
- B) Today, we love what tomorrow we hate, today, we seek what tomorrow we shun, today, we desire what tomorrow we fear.
- C) Today we love what tomorrow we hate, today we seek what tomorrow we shun, today we desire what tomorrow we fear.
- D) Today we love what tomorrow we hate; today we seek what tomorrow we shun; today we desire what tomorrow we fear.

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

66 Interpolate

- A) To Clarify
- B) Investigate
- C) Reverse
- D) Insert

67 Insolvent

- A) Flourishing
- B) Bankrupt
- C) Soluble
- D) Opprobrious

68 Veracity

- A) Mendacity
- B) Imperfection
- C) Truth
- D) Judgment

69 Benevolent

- A) Gracious
- B) Petulant
- C) Doubtful
- D) Pedantic

70 Callow

- A) Heartless
- B) Dark
- C) Opaque
- D) Inexperience

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

71 Fickle

- |                       |             |
|-----------------------|-------------|
| A) Fallacious         | B) Tolerant |
| C) Loyal in affection | D) Stupid   |

72 Poise

- |             |                |
|-------------|----------------|
| A) Delicate | B) Refinement  |
| C) Calmness | D) Instability |

73 Manifest

- |            |             |
|------------|-------------|
| A) Festive | B) Dolorous |
| C) Obscure | D) Native   |

74 Ignominy

- |              |              |
|--------------|--------------|
| A) Glory     | B) Caprice   |
| C) Impotence | D) Malignity |

75 Churlish

- |            |              |
|------------|--------------|
| A) Boorish | B) Courteous |
| C) Coarse  | D) Modest    |

76 Who said: "Innovation distinguishes between a leader and a follower"?

- |               |                   |
|---------------|-------------------|
| A) Steve Jobs | B) Rupert Murdoch |
| C) Bill Gates | D) Martha Stewart |

77 Which of the following institutions regulate the Unit Linked Insurance Plans (ULIPs)?

- |         |         |
|---------|---------|
| A) SEBI | B) LIC  |
| C) RBI  | D) IRDA |

78 Which company's mobile phones are marketed with the slogan 'Big inside Small Outside'?

- |            |             |
|------------|-------------|
| A) Nokia   | B) Sony     |
| C) Samsung | D) Motorola |

79 Who has the constitutional authority to decide tax share of states?

- |                        |                       |
|------------------------|-----------------------|
| A) Finance Minister    | B) Finance Commission |
| C) Planning Commission | D) Union Cabin        |

80 What is the name given to the new rail line between Delhi-Mumbai started early 2012?

- |                         |                           |
|-------------------------|---------------------------|
| A) Golden Rail Corridor | B) Garbha Express         |
| C) Shatabdi Express     | D) Sampark Kranti Express |

81 Hottest planet of the solar system:

- |          |            |
|----------|------------|
| A) Mars  | B) Mercury |
| C) Earth | D) Venus   |

82 This nation is also referred as "The Land of Flying Fish"?

- |             |            |
|-------------|------------|
| A) Barbados | B) Finland |
| C) Guyana   | D) Jamaica |

83 Which among the following mobile majors have won the \$2.2 billion tax case against the income tax department of India?

- |             |             |
|-------------|-------------|
| A) Idea     | B) Vodafone |
| C) T-Mobile | D) Airtel   |

84 India's first 500-MW Prototype Fast Breeder Reactor (PFBR) is being set up at which of following locations?

- |               |               |
|---------------|---------------|
| A) Jaitpur    | B) Tiruvallur |
| C) Kudankulam | D) Kalpakkam  |

85 Prime Minister Manmohan Singh has recently joined Twitter to capture the attention of young Indians and inform people about the work done by his office. Which of the following is the traditional character limit of Twitter's message?

- |        |        |
|--------|--------|
| A) 120 | B) 160 |
| C) 140 | D) 180 |

- 86 Which of the following days is designated as International Anti-Corruption Day by the United Nations?
- A) 5<sup>th</sup> December  
B) 8th December  
C) 9<sup>th</sup> December  
D) None of these
- 87 RBI has recently announced to issue coins Rs 5 bearing the image of which of the following freedom fighters and martyrs?
- A) Subash Chandra Bose  
B) Bhagat Singh  
C) Chandra Shekhar Azad  
D) Alluri Sita Ramaraju
- 88 Inflation happens when there are:
- A) Less goods and more buyers  
B) Less goods and less buyers  
C) More goods and less buyers  
D) None of the above
- 89 In Fahrenheit temperature scales the freezing point and the boiling point of water is given by -?
- A) 0 degree F - 100 degree F  
B) 32 degree F - 212 degree F  
C) 40 degree F - 200 degree F  
D) 80 degree F - 180 degree F
- 90 Who was the Chairman of the panel constituted to study the recommendation of National Advisory Council (NAC) on the proposed Food Security Bill?
- A) Montek Singh Ahluwaliah  
B) Pranab Mukherjee  
C) Rangarajan  
D) Deepak Parikh
- 91 Which one is the most environmentally-sustainable country in the world?
- A) Switzerland  
B) Sweden  
C) Finland  
D) Denmark
- 92 Deep blue black box is connected with?
- A) Computer science  
B) Medical science  
C) Space science  
D) Aircraft industry



- 93 Name the Nobel Peace Prize winner who was named the winner of one of the world's leading religion prizes, Templeton Prize for 2012 by the John Templeton Foundation on 29 March 2012.
- A) Tawakkol Karman  
B) Baba Ram Dev  
C) Ellen Johnson Sirleaf  
D) Dalai Lama
- 94 What is the present sex ratio of India (Census, 2011)?
- A) 914 females per 1000 males  
B) 944 females per 1000 males  
C) 924 females per 1000 males  
D) 941 females per 1000 males
- 95 Who categorized blood in to four groups-?
- A) Robert Brown  
B) Karl Landsteiner  
C) Louis Pasteur  
D) Robert Hook
- 96 Novartis Pharma AGM is an outcome of merger of which two companies
- A) Glaxo & Smithkline  
B) Glaxo & Novartis  
C) Sandoz & Cibageigy  
D) Sandoz & Smithkline
- 97 Which bank has been selected as best public sector bank in India?
- A) Bank of Baroda  
B) SBI  
C) Punjab National Bank  
D) ICICI
- 98 Acid rains occur when atmosphere is heavily polluted with :
- A) CO, CO<sub>2</sub>  
B) Ozone  
C) Smoke particles  
D) SO<sub>2</sub> and NO<sub>2</sub>
- 99 Who is the richest Indian as per Forbe's India rich list?
- A) Mukesh Ambani  
B) Lakshmi Mittal  
C) Azim Premji  
D) Anil Ambani
- 100 The Government of India has declared 2012 as the year of:
- A) Horticulture  
B) Healthcare  
C) Sericulture  
D) Entrepreneur

\*\*\*\*\*