

ENTRANCE EXAMINATION-2017**B.A (Hons) ECONOMICS/B.B.A/B.Com****SET B**

ROLL NO.

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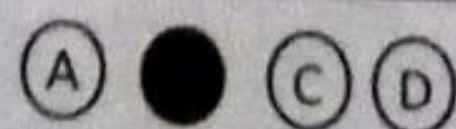
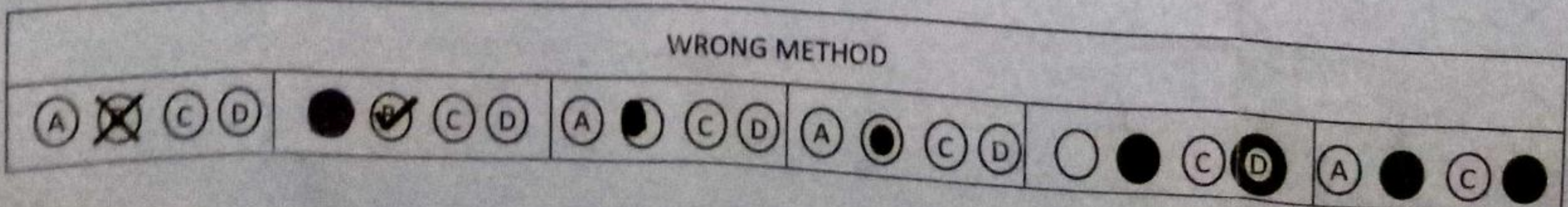
Signature of Invigilator

Time:1 HOUR 45 MINUTES

Total Marks: 100

Instructions to Candidates

- Do not write your name or put any other mark of identification anywhere in the OMR Answer Sheet. **IF ANY MARK OF IDENTIFICATIONS IS DISCOVERED ANYWHERE IN OMR ANSWER SHEET, the OMR sheet will be cancelled, and will not be evaluated.**
- This Question Booklet contains this cover page and a total of **100 Multiple Choice Questions of 1mark.** Space for rough work has been provided at the beginning and end. Available space on each page may also be used for rough work.
- Each correct answer carries one mark.
- There is negative marking for Multiple Choice Questions. For each wrong answer, 0.25 marks will be deducted.
- USE OF CALCULATOR IS NOT PERMITTED.
- USE/POSSESSION OF ELECTRONIC GADGETS LIKE MOBILE PHONE, iPhone, iPad, pager ETC. is not permitted.
- Candidate should check the serial order of questions at the beginning of the test. If any question is found missing in the serial order, it should be immediately brought to the notice of the Invigilator. No pages should be torn out from this question booklet.
- Answers must be marked in the OMR answer sheet which is provided separately. OMR answer sheet must be handed over to the invigilator before you leave the seat.
- The OMR answer sheet should not be folded or wrinkled. The folded or wrinkled OMR/Answer Sheet will not be evaluated.
- Write your Roll Number in the appropriate space (above) and on the OMR Answer Sheet. Any other details, if asked for, should be written only in the space provided.
- There are four alternative answers to each question marked A, B, C and D. Select one of the answers you consider most appropriate and fill up the corresponding oval/circle in the OMR Answer Sheet provided to you. The correct procedure for filling up the OMR Answer Sheet is mentioned below.
- Use Black or Blue Ball Pen only for filling the ovals/circles in OMR Answer Sheet while answering the Questions. For your Choice of answers darken the correct oval/circle completely. If the correct answer is 'B', the corresponding oval/circle should be completely fill and darkened as shown below.

CORRECT METHOD**WRONG METHOD**

English

Direction (1-5): In the following passage, a set of seven statements denoted by 1, 2, 3, 4, 5, 6 and 7 are given. Keeping 1 as the first statement, rearrange the other six statements 2, 3, 4, 5, 6 and 7 to make a meaningful paragraph and the answer the questions that follow:

1. Galileo was one of the greatest scientific pioneers who is still remembered.
2. It darkened his life and all his achievements.
3. It shows us the new worlds of heavens, stars, etc.
4. The Church imposed a ban on him.
5. Despite his fame, his support of the Copernican Theory that the earth moved round the sun created problems for him.
6. It was because of this, that he was held in high esteem.
7. His name lives on as that of an astronomer who perfected the refracting telescope.

1. Which of the following should be the **SECOND** statement after rearrangement?

- A) 4 B) 3 C) 4 D) 6

2. Which of the following should be the **THIRD** statement after rearrangement?

- A) 5 B) 3 C) 4 D) 6

3. Which of the following should be the **FIFTH** statement after rearrangement?

- A) 7 B) 3 C) 4 D) 5

4. Which of the following should be the **SIXTH** statement after rearrangement?

- A) 7 B) 3 C) 4 D) 6

5. Which of the following should be the **SEVENTH** statement after rearrangement?

- A) 2 B) 3 C) 4 D) 6

Directions (6-10): Read the following passage carefully and answer the questions given below it.

Copernicus obtained a degree in medicine from University of Cracow. He asked his uncle whether he might continue his studies in Italy, the centre of learning and the hub of the Renaissance. His uncle wisely consented and arranged for him to attend the famous University at Bologna where he studied law and furthered his knowledge of mathematics and astronomy. He also learned Greek in order that he might be able to read the original texts of the Greek astronomers as well as their transactions of the ancient Arabian mathematics. In keeping with the Renaissance concept of the well-rounded education, Copernicus also developed skill as a painter and poet. He became a professor of astronomy at the University of Rome. The doubts about Ptolemy's theories began to **appear** in his mind. In 1504 he resigned his Professorship and returned to Frauenburg, as a physician and assistant to his Uncle Bishop Watzelrode. In the **capacity** he won esteem and affection of all those with whom he came in contact. His training in law enabled him to be fair and just in administering the church lands.

6. Why did Copernicus join the University of Bologna?

- A) It was his Uncle's desire
B) It offered him professorship
C) It could offer improved quality education
D) He wanted to advance his knowledge of medicine

7. Which of the following subjects was not studied by Copernicus during his stay in Italy?

- A) Medicine
- B) Law
- C) Mathematics
- D) Astronomy

8. Where could he utilise his legal knowledge?

- A) At University of Rome
- B) In learning Greek
- C) In administration of church lands
- D) In disproving Ptolemy's theory

9. Which of the following is most nearly the same in meaning as the word 'CAPACITY' as given in bold as used in the passage?

- A) Talent
 - B) Volume
 - C) Ability
 - D) Position
- A) Dilute
 - B) Overlook
 - C) Vanish
 - D) Dissolve

10. Which of the following is most opposite in meaning as the word 'APPEAR' as given in bold as used in the passage?

Direction (11-15): Which of the phrases (A), (B), (C) and (D) given below each sentence should replace the phrase printed in **bold** in the sentence to make it grammatically correct?

11. The new airport is under construction and **likely to** operational in two years.

- (A) likely will
- (B) will be likely
- (C) likely to be
- (D) in all likelihood being

12. If you want to complete this important assignment on time you must **carefully planned**.

- (A) careful to plan
- (B) carefully planning
- (C) plan carefully
- (D) planned carefully

13. The company's first priority is **to ensure that** these policies are enforced in order to prevent frauds.

- (A) ensured
- (B) that ensuring
- (C) of ensuring to
- (D) by ensuring

14. **During her studies** finance, she returned to India to manage her family business.

- (A) She studied in
- (B) During studying
- (C) While she studies
- (D) After studying

15. We are **still submitted** our proposal to the Committee next week and will await their decision.

- (A) are going to submit
- (B) will submit still
- (C) have submitted
- (D) will be still submitted

Directions (16-20): In the following passage, there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, four words are suggested, one of which fits the blanks appropriately. Find out the appropriate words in each case.

Nations which have (16) upon programmes of economic development often run into unsuspected barriers which threaten, and often (17) the (18) needed growth of the economy. Industrialisation (19), productivity fails to respond and the nations' goals of raising standard of living for its people are (20).

16. A) failed

B) initiated

C) decided

D) progressed

17. A) halt

B) enlighten

~~C) cut~~

D) activate

18. A) alarmingly B) hopefully C) deceptively D) positively
19. A) sinks B) falters C) fluctuates D) deviates
20. A) fulfilled B) postponed C) suspended D) frustrated

GENERAL AWARENESS

21. Which is the largest sea in the world?
A) Caspian Sea B) South China Sea
C) Mediterranean Sea D) North Sea
22. The ocean currents transfer heat from _____.
A) One sea or ocean to another
B) One coast to another
C) The surface of the sea to greater depths
D) Lower to high latitudes
23. Where was the concept of written constitution first born?
A) France B) USA C) Britain D) Switzerland
24. Coral reefs are formed by _____.
A) Volcanic rocks
B) Marine sediments
C) Chlorine material precipitated from sea water
D) Tiny colonial marine animals which construct limestone skeleton material
25. Kaziranga National Park is famous for _____.
A) Rhinoceros B) Tiger
C) Lion D) Crocodile
26. Which is the best-known bird sanctuary in Haryana?
A) Rajaji B) Bharatpur
C) Sultanpur D) Sariska
27. Which one of the following places gets the least rainfall?
A) Bikaner B) Jodhpur
C) Leh D) Jaisalmer
28. The highest wheat-producing State of India is _____.
A) Haryana B) Punjab
C) Bihar D) Uttar Pradesh
29. Hirakund project is located in _____.
A) West Bengal B) Odisha
C) M.P. D) Bihar
30. Which among the following National Highway routes is the Longest?
A) Agra-Mumbai B) Chennai-Thane
C) Kolkata-Hajira D) Pune-Machilipatnam
31. ATM stands for _____.
A) Automatic Teller Machine B) Automatic Tally Machine
C) Automated Teller Machine D) Automated Tally Mechanism

32. ISRO is the abbreviation for _____
 A) International Scientific Research Organisation
 B) Indian Space Research Organisation ✓
 C) Indian Scientific Research Organisation
 D) International Space Research Organisation
33. The journalist who refused to accept Padma Bhushan was
 A) Shekharan Nair
 B) Khushwant Singh ✓
 C) Arun Shourie
 D) Nikhil Chakraborty
34. International women's day is observed on _____
 A) 3rd March
 C) 27th January
 B) 15th October ✓
 D) 8th March
35. The United Nations declared 2011 as the International Year of _____
 A) International year of Biodiversity ✓
 B) International year of Youth
 C) International year of Chemistry
 D) International year for People of African descent
36. Where did Mahendra Singh Dhoni make his ODI debut?
 A) Chittagong
 C) Dhaka
 B) Vishakapatnam ✓
 D) Hyderabad
37. Duleep trophy is associated with the game of _____
 A) Lawn Tennis
 C) Badminton
 B) Football ✓
 D) Cricket
38. When were the 19th Commonwealth Games scheduled to be held in Delhi?
 A) December, 2008
 C) October, 2010 ✓
 B) November, 2009
 D) February, 2011
39. The Harappan Civilization was discovered in the year:
 A) 1901
 B) 1921 ✓
 C) 1935
 D) 1942
40. Who built the Khajuraho temples?
 A) Holkars
 B) Chandela ✓
 C) Scindias
 D) Bundela
41. The Presidential Government operates on the principle of _____
 A) Separation of powers
 C) Balance of powers
 B) Centralisation of powers ✓
 D) None of these
42. Who was the first woman to become the Prime Minister of a country?
 A) Golda Meir
 C) Sirimavo Bhandarnaike ✓
 B) Indira Gandhi
 D) Margaret Thatcher
43. The Vice-President is the ex-officio Chairman of the _____
 A) Planning Commission
 C) Lok Sabha
 B) National Development Council ✓
 D) Rajya Sabha
44. Which of the following countries has an Unwritten Constitution?
 A) USA
 B) UK ✓
 C) India
 D) Pakistan
45. In which year did the Parliament adopt Indian Constitution?
 A) 1947
 B) 1948 ✓
 C) 1950
 D) 1952

46. Article 1 of the Constitution declares India as _____
A) Federal State
C) Quasi-Federal State
B) Unitary State
D) Union of States
47. 'AADHAR' is a programme _____
A) To help senior citizens
B) To provide identity to Indian residents
C) To train people for social defence
D) None of these
48. Which of these is not included as a Fundamental Right in the Indian Constitution?
A) Right to equal wages for equal work
B) Right to freedom of speech
C) Right to equality before law
D) Right to constitutional remedies
49. Who considered the Right to Constitutional remedies as very 'heart and soul' of the Indian Constitution?
A) B. R. Ambedkar
C) J. L. Nehru
B) M. K. Gandhi
D) Dr. Rajendra Prasad
50. All the executive powers in Indian Constitution are vested with _____
A) Prime Minister
C) President
B) Parliament
D) Council of Ministers
51. Life expectancy _____
A) Depends only on death rate
B) Depends only on birth rate
C) Is the average life span of other individuals in a population
D) Refers to life span of an individual
52. Eco- mark is given to an Indian product which is
A) Rich in Protein
B) Environment-friendly
C) Economically viable
D) Pure unadulterated
53. Newton's first law is also called as
A) Law of inertia
B) Law of energy
C) Law of momentum
D) Law of moments
54. Inventor of WWW is _____
A) P. V. Young
C) Bill Gates
B) Tim Berners Lee
D) None of these
55. Spam is related to
A) Computer
C) Music
B) Art
D) Game
56. Biofuel is obtained from the seed of _____
A) Jamun
C) Jatropha
B) Juniper
D) Jacaranda
57. Which of the following plants only produces seed but not fruit?
A) Cycus
C) Almond
B) Pea-nut
D) Sugar-cane

58. Which one of the following is a protein fiber?
 A) Nylon B) Polyester
 C) Silk D) Cotton
59. Most important gland of human body is _____
 A) Thyroid B) Liver ✓
 C) Pituitary D) Pancreas
60. Production of which one of the following is a function of liver?
 A) Mucus B) Hydrochloric Acid ✓
 C) Urea ✓ D) Lipase

MATHS AND REASONING

61. A clock is set right at 5 am. The clock loses 16 min in 24 h. What will be the right time when the clock indicates 10 pm on the 3rd day?
 A) 11.15 pm B) 11 pm C) 12 pm D) 12.30 pm
62. How many times do the hands of a clock coincide in a day?
 A) 24 ✓ B) 21 C) 20 D) 22
63. A bag contains 50p, 25p and 10p coins in the ratio 5:9:4, amounting to Rs. 206. Find the number of coins of each type.
 A) 200, 360, 160 B) 190, 150, 100 C) 120, 180, 240 D) 80, 110, 140
64. A can do a piece of work in 4 hours. B and C together can do it in 3 hours, while A and C together can do it in 2 hours. How long will B alone take to do it?
 A) 8 hours B) 10 hours C) 12 hours ✓ D) 24 hours
65. A man buys an article for Rs. 27.50 and sells it for Rs. 28.60. Find his gain percent.
 A) 10% B) 15% C) 18% ✓ D) 4%
66. On 8th Dec, 2007 Saturday falls. What day of the week was it on 8th Dec, 2006?
 A) Monday B) Sunday C) Friday ✓ D) Thursday
67. Find the odd one out.
 A) CGEF B) JMLK C) ~~VYXW~~ ✓ D) PSRQ
68. Doctor : Nurse :: ? : Follower
 A) Leader ✓ B) Worker C) Union D) Employer
69. Two cards are drawn at random from a pack of 52 cards. What is the probability that either both are black or both are queens?
 A) 35/221 B) 55/221 C) 55/331 D) None of these
70. What is the median of 36, 72, 49, 45, 60, 33, 61, 72, 55?
 A) 60 B) 33 C) 52 D) 61
71. The dimension of an open box are 50 cm, 40 cm, and 23 cm. Its thickness is 3 cm. If 1 cubic cm of metal is used in the box weighs 0.5 gms, find the weight of the box.
 A) 11.02 Kg B) 6 Kg C) 8.04 Kg D) 10 kg
72. An electric pump can fill a tank in 3 hours. Because of a leak in the tank, it took 3.5 hours to fill the tank. If the tank is full, how much time will the leak take to empty it?
 A) 21 hours B) 11 hours C) 9 hours D) 17 hours

Handwritten calculations for question 65:

$$\begin{array}{r} 28.60 \\ - 27.50 \\ \hline 1.10 \end{array}$$

$$\frac{1.10}{27.50} \times 100 = 4\%$$

73. If $2A = 3B = 4C$, then A: B: C is:
A) 4:3:2

B) 2:3:4

C) 20:15:2

D) 6:4:3

74. If 40% of a number is equal to two-third of another number, what is the ratio of first number to the second number?
A) 2:5

B) 3:7

C) 5:3

D) 7:3

75. Reena is taller than Bina, but shorter than Aditi. Anu is shorter than Bina but taller than Manju. Ekta is taller than Reena. Who among them is the tallest?
A) Ekta

B) Aditi or Ekta

C) Ekta or Reena

D) Aditi

76. Histogram is useful to determine graphically the value of:
A) Mean

B) Median

C) Mode

D) None of these

77. The value of $\log_2 16$ is:

A) 4

B) $1/8$

C) 8

D) 16

78. A sum of Rs. 800 amounts to Rs. 920 in 3 years at simple interest. If the interest rate is increased by 3%, it would amount to how much?

A) Rs. 700

B) Rs. 500

C) Rs. 200

D) Rs. 992

79. If $1.125 \times 10^k = 0.001125$, then the value of k is:

A) -1

B) -2

C) -3

D) -4

80. The sum of the squares of three numbers is 138, while the sum of their products taken two at a time is 131. Their sum is:

A) 40

B) 48

C) 60

D) 72

81. In a certain code 'GIVE' is written as 'VIEG' and 'OVER' is written as 'EVRO'. How will 'DISK' be written in that code?

A) SIDK

B) SIKD

C) KDSI

D) KISD

82. P is the brother of Q. M is sister of Q. T is the brother of P. How is Q related to T?

A) Brother

B) Sister

C) Mother

D) Data inadequate

83. How many such pair of letters is there in the word STRIVE each of which has as many letters between them in the word as in the English alphabet?

A) One

B) Two

C) Three

D) Four

84. $14181 \div 87 \times ? = 122.25$

A) 6

B) 10

C) $2/3$

D) $3/4$

85. If the value of $42a + 42b = 7476$, what is the average of a+b?

A) 89

B) 178

C) 79

D) 100

86. Three numbers are in the ratio of 1:2:3 and their H.C.F. is 12. The numbers are:

A) 4, 8, 12

B) 5, 10, 15

C) 10, 20, 30

D) 12, 24, 36

87. One year ago, the ratio of Sahil and Mayank's age was 6:7 respectively. Four years hence, this ratio would become 7:8. How old is Mayank?

A) 10 years

B) 14 years

C) 36 years

D) 40 years

88. If 50% of $(x-y) = 30\%$ of $(x+y)$, then what percent of x is y?

A) 25%

B) 40%

C) 56%

D) 85%

89. 'Picture' is related to 'See' in the same way as 'Book' is related to

A) Listen

B) Read

C) Buy

D) Box

90. Mohan walks 20m north. Then, he turns right and walks 30m. Now, he turns right and walks 35m. Now turning left, he walks 15m. Again, he turns left and moves 15m. In which direction and how far is he from his original position?

- A) 15m, East B) 45m, East C) 15m, West D) 45m, West

91. The sum of how many terms of the series $6 + 12 + 18 + 24 + \dots$ is 1800?

- A) 16 B) 20 C) 12 D) 24

1800

92. $2 + 2^2 + 2^3 + \dots + 2^9 = ?$

- A) 1056 B) 2044 C) 1022 D) 2244

93. A sum of Rs. 312 was divided among 100 boys and girls in such a way that each boy gets Rs. 3.60 and each girl Rs. 2.40. The numbers of girls are:

- A) 20 B) 60 C) 40 D) 90

94. The square root of $(272^2 - 128^2)$ is:

- A) 240 B) 200 C) 100 D) 300

95. A square matrix is said to be an upper (lower) triangular matrix if all entries below (above) the main diagonal are _____

- A) One B) Zero C) Two D) None of these

96. A diagonal matrix whose all the diagonal elements are equal is called _____

- A) Null Matrix B) Row Matrix C) Scalar Matrix D) Unit Matrix

97. Find the present worth of Rs. 930 due 3 years hence at 8% per annum.

- A) Rs. 750 B) Rs. 850 C) Rs. 950 D) Rs. 1050

98. Complete the series: 2, 5, 9, 19, 37, _____

- A) 40 B) 55 C) 67 D) 75

99. Find out the wrong number in the series: 22, 33, 66, 99, 121, 279, 594

- A) 279 B) 121 C) 99 D) 594

100. Two unbiased coins are tossed. What is the probability of getting at most one head?

- A) $\frac{2}{3}$ B) $\frac{3}{4}$ C) $\frac{1}{3}$ D) $\frac{1}{2}$

