SET–"Y"

(Total No. of printed pages : 21)

(DO NOT OPEN THIS QUESTION BOOKLET BEFORE TIME OR UNTIL YOU ARE ASKED TO DO SO)

Five Year MBA/MHMCT And Four Year BHMCT/BTTM-EE-June, 2023

10725

Sr. No._____

Code **A**

Time : 1¼ Hours   **Total Questions : 100**   Max. Marks : 100

Roll No. _____ (in figure)_____ (in words)

Name : _____   Date of Birth : _____

Father's Name : _____   Mother's Name : _____

Date of Examination : _____

(Signature of the candidate)   (Signature of the Invigilator)

SEAL

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Question No.	Questions
	In questions 1 to 5, choose the one word substitute for each description.
1.	Lady who remains unmarried (1) Single (2) Bachelor (3) Spinster (4) Cynic
2.	One who is quite like a woman. (1) Effeminate (2) Immaculate (3) Womanly (4) Temptress
3.	A compulsive desire to steal (1) Theft (2) Kleptomania (3) Nyctophobia (4) Theomania
4.	A speech or a presentation made without preparation. (1) stoic (2) lecture (3) apostasy (4) extempore
5.	A person who is able to use both hands with equal skill (1) ambidextrous (2) fastidious (3) mercenary (4) belligerent
	Questions 6 to 10 : Select the option that is **opposite in meaning** to the underlined word.
6.	He is quite serious by temperament (1) trivial (2) sombre (3) solemn (4) innocuous

Question No.	Questions
7.	His first lecture in the classroom turned to be a <u>fiasco</u>. (1) success (2) debacle (3) fun (4) disaster
8.	Unlike his wife, he is <u>affable</u>. (1) prickly (2) unfriendly (3) adorable (4) genial
9.	He handled the machine <u>deftly</u>. (1) adroitly (2) dextrously (3) precisely (4) clumsily
10.	He was <u>conspicuous</u> because of his colourful jacket. (1) charming (2) ugly (3) small (4) unnoticeable
	Questions 11 to 15 : Fill in the blanks with the most appropriate answer/ option.
11.	Vijay lived _____ the river all his life. (1) by (2) on (3) at (4) with
12.	You are advised to abstain _____ all alcoholic drinks. (1) for (2) of (3) from (4) by

Question No.	Questions
13.	Ravi never jumps _____ the conclusion. (1) at (2) by (3) for (4) to
14.	Harvard is _____ expensive University. Ajay cannot afford _____ go there. (1) a, in (2) an, to (3) an, of (4) the, to
15.	Have you ever been to _____ European country ? (1) an (2) a (3) the (4) none of the above
16.	Questions 16 to 20. Tick mark the option/part that has an error. (1) Fifteen miles (2) are a (3) long way (4) to walk
17.	(1) A bouquet of flowers are (2) presented to (3) the chief guest (4) by the principal
18.	(1) Neither Nepal nor Bhutan (2) have yet (3) the capability (4) to produce nuclear weapons
19.	(1) Ajay was happy (2) that Sanjay and his sister (3) was going back (4) to Bombay

Question No.	Questions
20.	(1) Mr. Gupta accompanied (2) by his wife (3) and children (4) are arriving tonight
21.	Questions **21 to 25** : Select the option that is **similar in meaning** to the given word. Solitude (1) loneliness (2) single mindedness (3) true statement (4) inference
22.	Naive (1) prompt (2) simple (3) professional (4) subaltern
23.	Integrity (1) rectification (2) incongruous (3) veracity (4) amnesty
24.	Procrastinate (1) delay (2) resultant (3) obstinate (4) adamant
25.	Eulogy (1) transcend (2) prodigy (3) stern (4) tribute

Question No.	Questions
26.	If 200% of a number is 90, then what is the 80% of that number ? (1) 48 (2) 36 (3) 24 (4) None of these
27.	23% of 8040 + 42% of 545 = ? % of 3000 (1) 56.17 (2) 63.54 (3) 69.27 (4) 71.04
28.	The present worth of Rs. 920 due at the end of 3 years at 5% simple interest per annum is : (1) Rs. 780 (2) Rs. 850 (3) Rs. 800 (4) Rs. 810
29.	If two successive discounts of 20% and 30% are given, what is the net discount (in %) ? (1) 40 (2) 44 (3) 56 (4) 60
30.	The cost prices of two shirts are equals, one shirt is sold for 20% profit and the other is sold for 10% loss. Find the overall profit percentage. (1) 25% (2) 10% (3) 5% (4) 15%
31.	An item was sold at a price after giving two successive discounts of 30% and 50%. If the selling price of the item was Rs. 448, then what was the marked price of the item ? (1) Rs. 840 (2) Rs. 1280 (3) Rs. 1140 (4) Rs. 1640

| Question No.	Questions
32.	A man can do a job in 15 days. His father takes 20 days and his son finishes it in 25 days. How long will they take to complete the job if they all work together? (1) Less than 6 days (2) Exactly 6 days (3) Approximately 6.4 days (4) More than 10 days
33.	Kim can do a work in 3 days while David can do the same work in 2 days. Both of them finish the work together and get Rs. 150. What is the share of Kim ? (1) Rs. 30 (2) Rs. 60 (3) Rs. 70 (4) Rs. 75
34.	A train, 225 in long, is running at 45 km/h. In what time does it cross a man running at 18 km/h in the same direction ? (1) 20 s (2) 30 s (3) 25 s (4) 15 s
35.	A man rows a boat a certain distance upstream and then returns to the same place. If the time taken by him in going upstream is twice the time taken in rowing downstream, find the ratio of the speed of the boat in still water and the speed of the stream. (1) 2:1 (2) 3:2 (3) 5:3 (4) 3:1
36.	Five tables and eight chairs cost Rs. 7350. Three tables and five chairs cost Rs. 4475. What is the price of one table ? (1) Rs. 950 (2) Rs. 325 (3) Rs. 925 (4) Rs. 350

Question No.	Questions
37.	In how many ways can the letters of the word 'MOMENT' be arranged ? (1) 360 (2) 60 (3) 720 (4) 120
38.	How many different signals can be transmitted by arranging 3 red, 2 yellow and 2 green flags on pole ? [Assume that all the 7 flags are used to transmit a signal.] (1) 220 (2) 240 (3) 200 (4) 210
39.	If the largest three-digit number is subtracted from the smallest five-digit number, then the remainder is : (1) 1 (2) 9000 (3) 9001 (4) 90001
40.	How many prime numbers are there between 80 and 105 ? (1) 3 (2) 4 (3) 5 (4) 8
41.	2 dice are thrown. Find the odds in favour of getting the sum 5. (1) 8:1 (2) 1:8 (3) 7:8 (4) 8:7
42.	Out of 5 girls and 3 boys, 4 children are to be randomly selected for a quiz contest. What is the probability that all the selected children are girls ? (1) 1/14 (2) 1/7 (3) 5/17 (4) 2/17

Question No.	Questions
	Questions 43 to 47 : Study the following pie-chart carefully and answer the questions given below : Percentage-wise distribution of lecturers in 6 different subjects in a university total number of lecturers : 1600 The ratio of male to female lecturers is given :
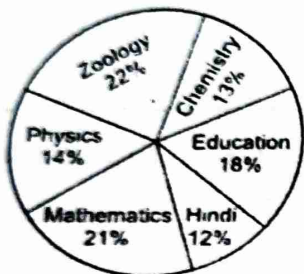
Lecturers	Males : Females
Mathematics	3 : 4
Education	5 : 3
Hindi	1 : 3
Chemistry	1 : 7
Physics	9 : 5
Zoology	7 : 9

43. Total number of lecturers (both male and female) in Hindi is approximately what percent of the total number of female lecturers in Mathematics and Chemistry together ?

(1) 58

(2) 43

(3) 47

(4) 51

44. What is the difference between the total number of lecturers (both male and female) is Zoology and the total number of male lecturers in Chemistry and Education together ?

(1) 192

(2) 182

(3) 146

(4) 136

Question No.	Questions
45.	What is the difference between the number of female lecturers in Zoology and the number of male lecturers in Hindi ? (1) 156 (2) 160 (3) 150 (4) 153
46.	What is the total number of male lecturers in university ? (1) 696 (2) 702 (3) 712 (4) 668
47.	What is the ratio of the number of female lecturers in Physics to the number of male lecturers in Mathematics ? (1) 5 : 9 (2) 2 : 9 (3) 3 : 7 (4) 5 : 3
48.	Which of the following fractions is greater than 3/4 and less than 5/6 ? (1) 1/2 (2) 2/3 (3) 4/5 (4) 9/10
49.	When 52416 is divided by 312, the quotient is 168. What will be the quotient when 52.416 is divided by 0.0168 ? (1) 3.12 (2) 312 (3) 3120 (4) None of these

Question No.	Questions
50.	Three balls are drawn at random from an urn containing 7 green, 6 black and 2 pink balls. What is probability that the three balls are of the same colour? (1) 80/91 (2) 33/56 (3) 56/455 (4) 11/91
51.	Names of 6 friends are written on 6 different faces of the cube. If Sita is in between Ram and Aum, Rohit is opposite to Animesh then which name must be on the face opposite to Kavita ? (1) Aum (2) Animesh (3) Ram (4) Sita
52.	Study the following arrangement F N $ 3 2 * W E %! B M P(A V ~ 9 F + S U # L T^ How many such numbers are there in the above sequence, each of which is immediately preceded by a consonant and immediately followed by a symbol? (1) None (2) One (3) Two (4) Three
53.	In certain code languages : "Kerala Karnataka Tamil Nadu Andhra-Pradesh" is coded as ZO ZK RA ZG "Rajasthan Karnataka Tamil Nadu Kerala" is coded as ZK RA ZO ZH "Haryana Tamil Nadu Punjab Gujarat" is coded as ZM RS ZT ZK "Kerala Bihar Jharkhand Haryana" is coded as RA RN LQ ZT How will Kerala Rajasthan Haryana be coded in the given language? (1) RA ZH ZT (2) RA ZO ZH (3) ZH RN ZK (4) LQ ZT ZM

Question No.	Questions
54.	Complete the sequence given below : Gfe_ig_eii_fei_gf_ii (1) eigfi (2) ifgie (3) figie (4) ifige
55.	consider the following series : 51975, 9450, 2100, 600, 240, 160, ? What will come in place of the question mark in the above series ? (1) 80 (2) 120 (3) 320 (4) 240
56.	A statement is given followed by three conclusions. Statement : P>V=S<L>H<C>T Conclusion : (i) P>L (ii) H<P (iii) H>P Which of the conclusion follows the given statement ? (1) Only (i) follows (2) Only (iii) follows (3) Either (i) or (ii) follows (4) Either (ii) or (iii) follows

Question No.	Questions
57.	If in the code language, NATIONAL is written as MZGRLMZO, then how will JAIPUR be written in that language ? (1) QZRKFI (2) PZRKFI (3) QZRIFK (4) QARKF
58.	If BLOCK is written as 25164 and OFFICE is written as 177368, then CELIO will be written as (1) 52182 (2) 31524 (3) 68531 (4) 42135
59.	Pointed to a lady, Rita said to her husband, "She is the mother of my only brother's father's only sister." How is that lady related to Rita's husband? (1) Grandmother (2) Great grandmother (3) Grandmother-in-law (4) Great grandmother-in-law
60.	Five friends P, Q, R, S and T are studying at a central university. They speak various languages. R and T speak Tamil and Telugu both. P and S speak Marathi and English both. Q and S speak Bangla and Marathi both. Similarly, R and P speak Telugu and Kannada. Who speaks the maximum number of languages ? (1) R (2) S (3) P (4) Q
61.	What was the day of the week on 16th June 1999 ? (1) Saturday (2) Monday (3) Wednesday (4) Thursday

Question No.	Questions
62.	Complete the series 3, 7, 23, 95, ? (1) 62 (2) 128 (3) 479 (4) 575
63.	Complete the series _?_, DREQ, GUHT, JXKW (1) EFRS (2) TGSF (3) JWVI (4) AOBN
64.	If '_' stands for division '+' stands for subtraction, '÷' stands for multiplication, 'x' stands for addition, then which one of the following equations is correct ? (1) $70 - 2 + 4 \div 5 \times 6 = 44$ (2) $70 - 2 + 4 \div 5 \times 6 = 21$ (3) $70 - 2 + 4 \div 5 \times 6 = 341$ (4) $70 - 2 + 4 \div 5 \times 6 = 36$
65.	In a survey, 70% of those surveyed owned a car and 75% of those surveyed owned a TV. If 55% owned both a car and a TV, what percent of those surveyed did not own either a car or a TV ? (1) 25% (2) 20% (3) 10% (4) 5%
66.	Select the option in which the numbers are related in the same way as the numbers of the following set. (12, 121, 169) (1) (11, 144, 196) (2) (14, 196, 225) (3) (16, 161, 256) (4) (17, 256, 324)

Question No.	Questions
67.	Select the option in which the words share the same relationship as that shared by the given pair of words. Pulmonologist : Lungs (1) Endocrinologist: Glands (2) Ophthalmologist: Ears (3) Nephrologist: Nerves (4) Bones : Orthopaedic
68.	Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements. **Statements :** All lockets are chains 100% of medals are lockets Some rings are chains **Conclusions :** (I) All chains are medals (II) All medals being rings is a possibility (1) Only conclusion II follows (2) Neither conclusion I nor II follows (3) Only conlusion I follow (4) Both conclusions I and II follow
69.	Which set of letters when sequentially placed at the gaps in the given letter series shall complet it ? s_r_t_s_r (1) trts (2) rtst (3) trst (4) tsss

Question No.	Questions
70.	Amit's present age is 5/4 of his age at the time of his sister's marriage. If his sister's marriage happend 5 years ago and his father's age was twice Amit's age at that time, then what is his father's present age (in years) ? (1) 55 (2) 45 (3) 50 (4) 40
71.	In the following question, select the word which cannot be formed using the letters of the given word. Precipitation (1) Reaction (2) Patient (3) Reacts (4) Petition
72.	Find the odd one out among the following. (1) ECS (2) RTGS (3) NEFT (4) EMI
	Directions (73-75): Five people P, Q, R, S and T visit an office on certain days of the week. They work as a plumber, carpenter, cook, electrician and doctors in random order. A person pursues only one profession and visits the office only one day a week. Consider the following information and answer questions based on it. (i) The plumber visits the office every Monday (ii) P is an electrician who comes neither on Tuesday nor Thursday. (iii) T is a carpenter and R is not a plumber. (iv) The person who visits the office on Thursday is not a doctor. (v) S works on a Tuesday and T works on the following day.
73.	Which is the right combination ? (1) Monday – Electrician (2) Thursday – Cook (3) Tuesday – Carpenter (4) Friday – Doctor

Question No.	Questions
74.	The doctor visits the office on. (1) Friday (2) Wednesday (3) Thursday (4) Tuesday
75.	Who is the plumber ? (1) Q (2) S (3) R (4) T
76.	Which company has been recently upgraded to the status of Navratna CPSE(in May 2023) ? (1) Airports Authority of India (2) Rail Vikas Nigam Limited (3) Hindustan Copper Limited (4) Indian Railway Catering & Tourism Corporation Limited
77.	Which institution launched 'SPARK', virtual space Tech Park ? (1) NITI Aayog (2) DRDO (3) ISRO (4) BEL
78.	Which institution is to set up the 'Corporate Debt Market Development Fund'? (1) RBI (2) SEBI (3) NSE (4) BSE

Question No.	Questions
79.	When is celebrated International Labour Day ? (1) 19th May (2) 24th May (3) 1st May (4) 6th May
80.	Who has been appointed as the Chairperson of Nasscom for the year 2023-24 ? (1) Rajesh Nambiar (2) Anant Maheshwari (3) Krishnan Ramanujam (4) Rekha M. Menon
81.	Who inaugurated the Indian Air Force Heritage Center in Chandigarth ? (1) Prime Minister Narendra Modi (2) Defence Minister Rajnath Singh (3) Former President Ram Nath Kovind (4) Home Minister Amit Shah
82.	Which institution released the 'Business Ready (B-READY) project' ? (1) IMF (2) WEF (3) ADB (4) World Bank
83.	Which country launched the ChatGPT rival 'GigaChat-AI chatbot'? (1) USA (2) India (3) Russia (4) Israel
84.	Which song from an Indian film won Golden Globe award 2023 for Best Original Song ? (1) Jhoome jo pathan (2) Pasoori (3) Kesariya (4) NaatuNaatu

Question No.	Questions
85.	Which Indian city will host the 2023 Asian Champions Trophy hockey tournament ? (1) Mumbai (2) Chennai (3) Pune (4) Hyderabad
86.	Who won the gold medal at the World Women's Boxing Championship by defeating Australia's Caitlin Parker in the 75kg final ? (1) Nitu Ghanghas (2) Mary Kom (3) Vinesh Phogat (4) Lovlina Borgohain
87.	What is the theme of 'International Girls in ICT Day' 2023 ? (1) Empower girls (2) Digital Skills for Life (3) STEM (4) Science Skills for Life
88.	What is the name of world's first robotic check-in assistant that Emirates launched ? (1) Sara (2) Kiwi (3) Siri (4) Rini
89.	What is the current inflation rate in India as of April 2023 ? (1) 5.66% (2) 4.65% (3) 4.86% (4) 6.34%
90.	In which state were new wildlife conservation reserves declared ? (1) Rajasthan (2) Haryana (3) Karnataka (4) Punjab

Question No.	Questions
91.	PM Modi laid the foundation stone of India's first Digital Science Park in _____. (1) Goa (2) Kerala (3) Assam (4) Sikkim
92.	Which bank has launched the country's first pocket-sized swipe machine for accepting digital payments called "MicroPay"? (1) UCO Bank (2) Axis Bank (3) HDFC Bank (4) SBI
93.	Which state is set to become the first to use robotics technology extensively for manhole cleaning? (1) Kerala (2) Odisha (3) Assam (4) Sikkim
94.	When was the G20 formed? (1) 1990 (2) 1992 (3) 1995 (4) 1999
95.	On which date is National Technology Day celebrated? (1) May 11 (2) May 10 (3) May 09 (4) May 12
96.	Which organization started the "Space Science and Technology Awareness Training Program" (START)? (1) ISRO (2) NASA (3) DRDO (4) SAARC

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97.	In which country will the technology firm Cisco start manufacturing operations ? (1) Indonesia (2) Iran (3) Iraq (4) India
98.	What is the purpose of India launching its own heat index ? (1) To quantify the impact of heat on the environment (2) To generate impact-based heatwave alerts for specific locations (3) To predict natural disasters (4) To measure air pollution levels
99.	Who is the first women pilot of the Indian Air Force to fly the Rafale fighter jet ? (1) Shivangi Singh (2) Deepika Choudhary (3) Bhawana Kanth (4) Avani Chaturvedi
100.	What is the 'Machines Can See 2023' Summit ? (1) An international conference on AI in the UAE (2) A summit for discussing advancements in robotics (3) A workshop for digital marketing strategies (4) A part of the G20 meeting

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17.	Select the option in which the words share the same relationship as that shared by the given pair of words. Pulmonologist : Lungs (1) Endocrinologist: Glands (2) Ophthalmologist: Ears (3) Nephrologist: Nerves (4) Bones : Orthopaedic

Question No.	Questions
18.	Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements. **Statements :** All lockets are chains 100% of medals are lockets Some rings are chains **Conclusions :** (I) All chains are medals (II) All medals being rings is a possibility (1) Only conclusion II follows (2) Neither conclusion I nor II follows (3) Only conlusion I follow (4) Both conclusions I and II follow
19.	Which set of letters when sequentially placed at the gaps in the given letter series shall complet it ? s_r_t_s_r (1) trts (2) rtst (3) trst (4) tsss
20.	Amit's present age is 5/4 of his age at the time of his sister's marriage. If his sister's marriage happend 5 years ago and his father's age was twice Amit's age at that time, then what is his father's present age (in years) ? (1) 55 (2) 45 (3) 50 (4) 40

Question No.	Questions
21.	In the following question, select the word which cannot be formed using the letters of the given word. Precipitation (1) Reaction (2) Patient (3) Reacts (4) Petition
22.	Find the odd one out among the following. (1) ECS (2) RTGS (3) NEFT (4) EMI
	Directions (23-25): Five people P, Q, R, S and T visit an office on certain days of the week. They work as a plumber, carpenter, cook, electrician and doctors in random order. A person pursues only one profession and visits the office only one day a week. Consider the following information and answer questions based on it. (i) The plumber visits the office every Monday (ii) P is an electrician who comes neither on Tuesday nor Thursday. (iii) T is a carpenter and R is not a plumber. (iv) The person who visits the office on Thursday is not a doctor. (v) S works on a Tuesday and T works on the following day.
23.	Which is the right combination ? (1) Monday – Electrician (2) Thursday – Cook (3) Tuesday – Carpenter (4) Friday – Doctor
24.	The doctor visits the office on. (1) Friday (2) Wednesday (3) Thursday (4) Tuesday

Question No.	Questions
25.	Who is the plumber ? (1) Q (2) S (3) R (4) T
26.	In questions **26** to **30**, choose the one word substitute for each description. Lady who remains unmarried (1) Single (2) Bachelor (3) Spinster (4) Cynic
27.	One who is quite like a woman. (1) Effeminate (2) Immaculate (3) Womanly (4) Temptress
28.	A compulsive desire to steal (1) Theft (2) Kleptomania (3) Nyctophobia (4) Theomania
29.	A speech or a presentation made without preparation. (1) stoic (2) lecture (3) apostasy (4) extempore
30.	A person who is able to use both hands with equal skill (1) ambidextrous (2) fastidious (3) mercenary (4) belligerent

Question No.	Questions
	Questions 31 to 35 : Select the option that is **opposite in meaning** to the underlined word.
31.	He is quite <u>serious</u> by temperament (1) trivial (2) sombre (3) solemn (4) innocuous
32.	His first lecture in the classroom turned to be a <u>fiasco</u>. (1) success (2) debacle (3) fun (4) disaster
33.	Unlike his wife, he is <u>affable</u>. (1) prickly (2) unfriendly (3) adorable (4) genial
34.	He handled the machine <u>deftly</u>. (1) adroitly (2) dextrously (3) precisely (4) clumsily
35.	He was <u>conspicuous</u> because of his colourful jacket. (1) charming (2) ugly (3) small (4) unnoticeable
36.	**Questions 36 to 40 :** Fill in the blanks with the most appropriate answer/ option. Vijay lived _____ the river all his life. (1) by (2) on (3) at (4) with

Question No.	Questions
37.	You are advised to abstain _____ all alcoholic drinks. (1) for (2) of (3) from (4) by
38.	Ravi never jumps _____ the conclusion. (1) at (2) by (3) for (4) to
39.	Harvard is _____ expensive University. Ajay cannot afford _____ go there. (1) a, in (2) an, to (3) an, of (4) the, to
40.	Have you ever been to _____ European country ? (1) an (2) a (3) the (4) none of the above
41.	Questions **41 to 45**. Tick mark the option/part that has an error. (1) Fifteen miles (2) are a (3) long way (4) to walk
42.	(1) A bouquet of flowers are (2) presented to (3) the chief guest (4) by the principal
43.	(1) Neither Nepal nor Bhutan (2) have yet (3) the capability (4) to produce nuclear weapons

Question No.	Questions
44.	(1) Ajay was happy (2) that Sanjay and his sister (3) was going back (4) to Bombay
45.	(1) Mr. Gupta accompanied (2) by his wife (3) and children (4) are arriving tonight
46.	Questions 46 to 50 : Select the option that is **similar in meaning** to the given word. Solitude (1) loneliness (2) single mindedness (3) true statement (4) inference
47.	Naive (1) prompt (2) simple (3) professional (4) subaltern
48.	Integrity (1) rectification (2) incongruous (3) veracity (4) amnesty
49.	Procrastinate (1) delay (2) resultant (3) obstinate (4) adamant

Question No.	Questions
50.	**Eulogy** (1) transcend (2) prodigy (3) stern (4) tribute
51.	Which company has been recently upgraded to the status of Navratna CPSE(in May 2023) ? (1) Airports Authority of India (2) Rail Vikas Nigam Limited (3) Hindustan Copper Limited (4) Indian Railway Catering & Tourism Corporation Limited
52.	Which institution launched 'SPARK', virtual space Tech Park ? (1) NITI Aayog (2) DRDO (3) ISRO (4) BEL
53.	Which institution is to set up the 'Corporate Debt Market Development Fund'? (1) RBI (2) SEBI (3) NSE (4) BSE
54.	When is celebrated International Labour Day ? (1) 19th May (2) 24th May (3) 1st May (4) 6th May

Question No.	Questions
55.	Who has been appointed as the Chairperson of Nasscom for the year 2023-24 ? (1) Rajesh Nambiar (2) Anant Maheshwari (3) Krishnan Ramanujam (4) Rekha M. Menon
56.	Who inaugurated the Indian Air Force Heritage Center in Chandigarth ? (1) Prime Minister Narendra Modi (2) Defence Minister Rajnath Singh (3) Former President Ram Nath Kovind (4) Home Minister Amit Shah
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58.	Which country launched the ChatGPT rival 'GigaChat-AI chatbot'? (1) USA (2) India (3) Russia (4) Israel
59.	Which song from an Indian film won Golden Globe award 2023 for Best Original Song ? (1) Jhoome jo pathan (2) Pasoori (3) Kesariya (4) NaatuNaatu
60.	Which Indian city will host the 2023 Asian Champions Trophy hockey tournament ? (1) Mumbai (2) Chennai (3) Pune (4) Hyderabad

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62.	What is the theme of 'International Girls in ICT Day' 2023 ? (1) Empower girls (2) Digital Skills for Life (3) STEM (4) Science Skills for Life
63.	What is the name of world's first robotic check-in assistant that Emirates launched ? (1) Sara (2) Kiwi (3) Siri (4) Rini
64.	What is the current inflation rate in India as of April 2023 ? (1) 5.66% (2) 4.65% (3) 4.86% (4) 6.34%
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67.	Which bank has launched the country's first pocket-sized swipe machine for accepting digital payments called "MicroPay"? (1) UCO Bank (2) Axis Bank . (3) HDFC Bank (4) SBI
68.	Which state is set to become the first to use robotics technology extensively for manhole cleaning ? (1) Kerala (2) Odisha (3) Assam (4) Sikkim
69.	When was the G20 formed ? (1) 1990 (2) 1992 (3) 1995 (4) 1999
70.	On which date is National Technology Day celebrated ? (1) May 11 (2) May 10 (3) May 09 (4) May 12
71.	Which organization started the "Space Science and Technology Awareness Training Program" (START) ? (1) ISRO (2) NASA (3) DRDO (4) SAARC
72.	In which country will the technology firm Cisco start manufacturing operations ? (1) Indonesia (2) Iran (3) Iraq (4) India

Question No.	Questions
73.	What is the purpose of India launching its own heat index ? (1) To quantify the impact of heat on the environment (2) To generate impact-based heatwave alerts for specific locations (3) To predict natural disasters (4) To measure air pollution levels
74.	Who is the first women pilot of the Indian Air Force to fly the Rafale fighter jet ? (1) Shivangi Singh (2) Deepika Choudhary (3) Bhawana Kanth (4) Avani Chaturvedi
75.	What is the 'Machines Can See 2023' Summit ? (1) An international conference on AI in the UAE (2) A summit for discussing advancements in robotics (3) A workshop for digital marketing strategies (4) A part of the G20 meeting
76.	If 200% of a number is 90, then what is the 80% of that number ? (1) 48 (2) 36 (3) 24 (4) None of these
77.	23% of 8040 + 42% of 545 = ? % of 3000 (1) 56.17 (2) 63.54 (3) 69.27 (4) 71.04

Question No.	Questions
78.	The present worth of Rs. 920 due at the end of 3 years at 5% simple interest per annum is : (1) Rs. 780 (2) Rs. 850 (3) Rs. 800 (4) Rs. 810
79.	If two successive discounts of 20% and 30% are given, what is the net discount (in %) ? (1) 40 (2) 44 (3) 56 (4) 60
80.	The cost prices of two shirts are equals, one shirt is sold for 20% profit and the other is sold for 10% loss. Find the overall profit percentage. (1) 25% (2) 10% (3) 5% (4) 15%
81.	An item was sold at a price after giving two successive discounts of 30% and 50%. If the selling price of the item was Rs. 448, then what was the marked price of the item ? (1) Rs. 840 (2) Rs. 1280 (3) Rs. 1140 (4) Rs. 1640
82.	A man can do a job in 15 days. His father takes 20 days and his son finishes it in 25 days. How long will they take to complete the job if they all work together? (1) Less than 6 days (2) Exactly 6 days (3) Approximately 6.4 days (4) More than 10 days

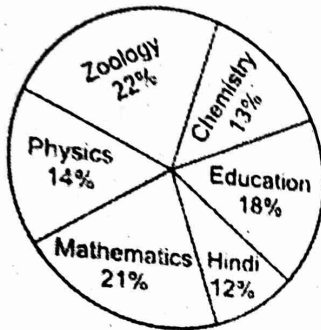| Question No.	Questions
83.	Kim can do a work in 3 days while David can do the same work in 2 days. Both of them finish the work together and get Rs. 150. What is the share of Kim ? (1) Rs. 30 (2) Rs. 60 (3) Rs. 70 (4) Rs. 75
84.	A train, 225 in long, is running at 45 km/h. In what time does it cross a man running at 18 km/h in the same direction ? (1) 20 s (2) 30 s (3) 25 s (4) 15 s
85.	A man rows a boat a certain distance upstream and then returns to the same place. If the time taken by him in going upstream is twice the time taken in rowing downstream, find the ratio of the speed of the boat in still water and the speed of the stream. (1) 2:1 (2) 3:2 (3) 5:3 (4) 3:1
86.	Five tables and eight chairs cost Rs. 7350. Three tables and five chairs cost Rs. 4475. What is the price of one table ? (1) Rs. 950 (2) Rs. 325 (3) Rs. 925 (4) Rs. 350
87.	In how many ways can the letters of the word 'MOMENT' be arranged ? (1) 360 (2) 60 (3) 720 (4) 120

Question No.	Questions
88.	How many different signals can be transmitted by arranging 3 red, 2 yellow and 2 green flags on pole ? [Assume that all the 7 flags are used to transmit a signal.] (1) 220 (2) 240 (3) 200 (4) 210
89.	If the largest three-digit number is subtracted from the smallest five-digit number, then the remainder is : (1) 1 (2) 9000 (3) 9001 (4) 90001
90.	How many prime numbers are there between 80 and 105 ? (1) 3 (2) 4 (3) 5 (4) 8
91.	2 dice are thrown. Find the odds in favour of getting the sum 5. (1) 8:1 (2) 1:8 (3) 7:8 (4) 8:7
92.	Out of 5 girls and 3 boys, 4 children are to be randomly selected for a quiz contest. What is the probability that all the selected children are girls ? (1) 1/14 (2) 1/7 (3) 5/17 (4) 2/17

Questions

Study the following pie-chart carefully and answer the questions given below :

Percentage-wise distribution of lecturers in 6 different subjects in a university total number of lecturers : 1600 The ratio of male to female lecturers is given :

Lecturers	Males : Females
Mathematics	3 : 4
Education	5 : 3
Hindi	1 : 3
Chemistry	1 : 7
Physics	9 : 5
Zoology	7 : 9

Zoology 22%
Chemistry 13%
Physics 14%
Education 18%
Mathematics 21%
Hindi 12%

93. Total number of lecturers (both male and female) in Hindi is approximately what percent of the total number of female lecturers in Mathematics and Chemistry together ?

(1) 58

(2) 43

(3) 47

(4) 51

94. What is the difference between the total number of lecturers (both male and female) is Zoology and the total number of male lecturers in Chemistry and Education together ?

(1) 192

(2) 182

(3) 146

(4) 136

Question No.	Questions
95.	What is the difference between the number of female lecturers in Zoology and the number of male lecturers in Hindi ? (1) 156 (2) 160 (3) 150 (4) 153
96.	What is the total number of male lecturers in university ? (1) 696 (2) 702 (3) 712 (4) 668
97.	What is the ratio of the number of female lecturers in Physics to the number of male lecturers in Mathematics ? (1) $5:9$ (2) $2:9$ (3) $3:7$ (4) $5:3$
98.	Which of the following fractions is greater than 3/4 and less than 5/6 ? (1) 1/2 (2) 2/3 (3) 4/5 (4) 9/10
99.	When 52416 is divided by 312, the quotient is 168. What will be the quotient when 52.416 is divided by 0.0168 ? (1) 3.12 (2) 312 (3) 3120 (4) None of these
100.	Three balls are drawn at random from an urn containing 7 green, 6 black and 2 pink balls. What is probability that the three balls are of the same colour? (1) 80/91 (2) 33/56 (3) 56/455 (4) 11/91

SET–"Y"

(Total No. of printed pages : 21)

(DO NOT OPEN THIS QUESTION BOOKLET BEFORE TIME OR UNTIL YOU ARE ASKED TO DO SO)

Five Year MBA/MHMCT And Four Year BHMCT/BTTM-EE-June, 2023

Code **C**

Sr. No. **10715**

Time : 1¼ Hours   Total Questions : 100   Max. Marks : 100

Roll No. _____ (in figure)_____ (in words)

Name : _____   Date of Birth : _____

Father's Name : _____   Mother's Name : _____

Date of Examination : _____

(Signature of the candidate)   (Signature of the Invigilator)

CANDIDATES MUST READ THE FOLLOWING INFORMATION/ INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

1. **All questions are compulsory.**
2. The candidates must return the Question book-let as well as OMR answer-sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfair-means / mis-behaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such a candidate will not be evaluated.
3. Keeping in view the transparency of the examination system, carbonless OMR Sheet is provided to the candidate so that a copy of OMR Sheet may be kept by the candidate.
4. Question Booklet along-with answer key of all the A,B,C and D code shall be got uploaded on the University Website immediately after the conduct of Entrance Examination. Candidates may raise valid objection/complaint if any, with regard to discrepancy in the question booklet/answer key within 24 hours of uploading the same on the University website. The complaint be sent by the students to the Controller of Examinations by hand or through email. Thereafter, no complaint in any case will considered.
5. The candidate MUST NOT do any rough work or writing in the OMR Answer-Sheet. Rough work, if any, may be done in the question book-let itself. Answers **MUST NOT** be ticked in the Question book-let.
6. **There will be no negative marking. Each correct answer will be awarded one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.**
7. Use only Black or Blue **BALL POINT PEN** of good quality in the OMR Answer-Sheet.
8. BEFORE ANSWERING THE QUESTIONS, THE CANDIDATES SHOULD ENSURE THAT THEY HAVE BEEN SUPPLIED CORRECT AND COMPLETE BOOK-LET. COMPLAINTS, IF ANY, REGARDING MISPRINTING ETC. WILL NOT BE ENTERTAINED 30 MINUTES AFTER STARTING OF THE EXAMINATION.

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26.	Names of 6 friends are written on 6 different faces of the cube. If Sita is in between Ram and Aum, Rohit is opposite to Animesh then which name must be on the face opposite to Kavita ? (1) Aum (2) Animesh (3) Ram (4) Sita
27.	Study the following arrangement F N $ 3 2 * W E % ! B M P(A V ~ 9 F + S U # L T^ How many such numbers are there in the above sequence, each of which is immediately preceded by a consonant and immediately followed by a symbol? (1) None (2) One (3) Two (4) Three

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28.	In certain code languages : "Kerala Karnataka Tamil Nadu Andhra-Pradesh" is coded as ZO ZK RA ZG "Rajasthan Karnataka Tamil Nadu Kerala" is coded as ZK RA ZO ZH "Haryana Tamil Nadu Punjab Gujarat" is coded as ZM RS ZT ZK "Kerala Bihar Jharkhand Haryana" is coded as RA RN LQ ZT How will Kerala Rajasthan Haryana be coded in the given language? (1) RA ZH ZT (2) RA ZO ZH (3) ZH RN ZK (4) LQ ZT ZM
29.	Complete the sequence given below : Gfe_ig_eii_fei_gf_ii (1) eigfi (2) ifgie (3) figie (4) ifige
30.	consider the following series : 51975, 9450, 2100, 600, 240, 160, ? What will come in place of the question mark in the above series ? (1) 80 (2) 120 (3) 320 (4) 240

Question No.	Questions
31.	A statement is given followed by three conclusions. Statement : P>V=S<L>H<C>T Conclusion : (i) P>L (ii) H<P (iii) H>P Which of the conclusion follows the given statement ? (1) Only (i) follows (2) Only (iii) follows (3) Either (i) or (ii) follows (4) Either (ii) or (iii) follows
32.	If in the code language, NATIONAL is written as MZGRLMZO, then how will JAIPUR be written in that language ? (1) QZRKFI (2) PZRKFI (3) QZRIFK (4) QARKF
33.	If BLOCK is written as 25164 and OFFICE is written as 177368, then CELIO will be written as (1) 52182 (2) 31524 (3) 68531 (4) 42135

Question No.	Questions
34.	Pointed to a lady, Rita said to her husband, "She is the mother of my only brother's father's only sister." How is that lady related to Rita's husband? (1) Grandmother (2) Great grandmother (3) Grandmother-in-law (4) Great grandmother-in-law
35.	Five friends P, Q, R, S and T are studying at a central university. They speak various languages. R and T speak Tamil and Telugu both. P and S speak Marathi and English both. Q and S speak Bangla and Marathi both. Similarly, R and P speak Telugu and Kannada. Who speaks the maximum number of languages ? (1) R (2) S (3) P (4) Q
36.	What was the day of the week on 16th June 1999 ? (1) Saturday (2) Monday (3) Wednesday (4) Thursday
37.	Complete the series 3, 7, 23, 95, ? (1) 62 (2) 128 (3) 479 (4) 575
38.	Complete the series _?_, DREQ, GUHT, JXKW (1) EFRS (2) TGSF (3) JWVI (4) AOBN

Question No.	Questions
39.	If '_' stands for division '+' stands for subtraction, '÷' stands for multiplication, 'x' stands for addition, then which one of the following equations is correct ? (1) $70 - 2 + 4 \div 5 \times 6 = 44$ (2) $70 - 2 + 4 \div 5 \times 6 = 21$ (3) $70 - 2 + 4 \div 5 \times 6 = 341$ (4) $70 - 2 + 4 \div 5 \times 6 = 36$
40.	In a survey, 70% of those surveyed owned a car and 75% of those surveyed owned a TV. If 55% owned both a car and a TV, what percent of those surveyed did not own either a car or a TV ? (1) 25% (2) 20% (3) 10% (4) 5%
41.	Select the option in which the numbers are related in the same way as the numbers of the following set. (12, 121, 169) (1) (11, 144, 196) (2) (14, 196, 225) (3) (16, 161, 256) (4) (17, 256, 324)
42.	Select the option in which the words share the same relationship as that shared by the given pair of words. Pulmonologist : Lungs (1) Endocrinologist: Glands (2) Ophthalmologist: Ears (3) Nephrologist: Nerves (4) Bones : Orthopaedic

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44.	Which set of letters when sequentially placed at the gaps in the given letter series shall complet it ? s_r_t_s_r (1) trts (2) rtst (3) trst (4) tsss
45.	Amit's present age is 5/4 of his age at the time of his sister's marriage. If his sister's marriage happend 5 years ago and his father's age was twice Amit's age at that time, then what is his father's present age (in years) ? (1) 55 (2) 45 (3) 50 (4) 40

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50.	Who is the plumber ? (1) Q (2) S (3) R (4) T
51.	If 200% of a number is 90, then what is the 80% of that number ? (1) 48 (2) 36 (3) 24 (4) None of these
52.	23% of 8040 + 42% of 545 = ? % of 3000 (1) 56.17 (2) 63.54 (3) 69.27 (4) 71.04
53.	The present worth of Rs. 920 due at the end of 3 years at 5% simple interest per annum is : (1) Rs. 780 (2) Rs. 850 (3) Rs. 800 (4) Rs. 810
54.	If two successive discounts of 20% and 30% are given, what is the net discount (in %) ? (1) 40 (2) 44 (3) 56 (4) 60
55.	The cost prices of two shirts are equals, one shirt is sold for 20% profit and the other is sold for 10% loss. Find the overall profit percentage. (1) 25% (2) 10% (3) 5% (4) 15%

Question No.	Questions
56.	An item was sold at a price after giving two successive discounts of 30% and 50%. If the selling price of the item was Rs. 448, then what was the marked price of the item ? (1) Rs. 840 (2) Rs. 1280 (3) Rs. 1140 (4) Rs. 1640
57.	A man can do a job in 15 days. His father takes 20 days and his son finishes it in 25 days. How long will they take to complete the job if they all work together? (1) Less than 6 days (2) Exactly 6 days (3) Approximately 6.4 days (4) More than 10 days
58.	Kim can do a work in 3 days while David can do the same work in 2 days. Both of them finish the work together and get Rs. 150. What is the share of Kim ? (1) Rs. 30 (2) Rs. 60 (3) Rs. 70 (4) Rs. 75
59.	A train, 225 in long, is running at 45 km/h. In what time does it cross a man running at 18 km/h in the same direction ? (1) 20 s (2) 30 s (3) 25 s (4) 15 s
60.	A man rows a boat a certain distance upstream and then returns to the same place. If the time taken by him in going upstream is twice the time taken in rowing downstream, find the ratio of the speed of the boat in still water and the speed of the stream. (1) 2:1 (2) 3:2 (3) 5:3 (4) 3:1

Question No.	Questions
61.	Five tables and eight chairs cost Rs. 7350. Three tables and five chairs cost Rs. 4475. What is the price of one table ? (1) Rs. 950 (2) Rs. 325 (3) Rs. 925 (4) Rs. 350
62.	In how many ways can the letters of the word 'MOMENT' be arranged ? (1) 360 (2) 60 (3) 720 (4) 120
63.	How many different signals can be transmitted by arranging 3 red, 2 yellow and 2 green flags on pole ? [Assume that all the 7 flags are used to transmit a signal.] (1) 220 (2) 240 (3) 200 (4) 210
64.	If the largest three-digit number is subtracted from the smallest five-digit number, then the remainder is : (1) 1 (2) 9000 (3) 9001 (4) 90001
65.	How many prime numbers are there between 80 and 105 ? (1) 3 (2) 4 (3) 5 (4) 8
66.	2 dice are thrown. Find the odds in favour of getting the sum 5. (1) 8:1 (2) 1:8 (3) 7:8 (4) 8:7

Question No.	Questions
67.	Out of 5 girls and 3 boys, 4 children are to be randomly selected for a quiz contest. What is the probability that all the selected children are girls ? (1) 1/14 (2) 1/7 (3) 5/17 (4) 2/17

Questions 68 to 72 : Study the following pie-chart carefully and answer the questions given below :

Percentage-wise distribution of lecturers in 6 different subjects in a university total number of lecturers : 1600 The ratio of male to female lecturers is given :

Lecturers	Males : Females
Mathematics	3 : 4
Education	5 : 3
Hindi	1 : 3
Chemistry	1 : 7
Physics	9 : 5
Zoology	7 : 9

68. Total number of lecturers (both male and female) in Hindi is approximately what percent of the total number of female lecturers in Mathematics and Chemistry together ?

(1) 58

(2) 43

(3) 47

(4) 51

Question No.	Questions
69.	What is the difference between the total number of lecturers (both male and female) is Zoology and the total number of male lecturers in Chemistry and Education together ? (1) 192 (2) 182 (3) 146 (4) 136
70.	What is the difference between the number of female lecturers in Zoology and the number of male lecturers in Hindi ? . (1) 156 (2) 160 (3) 150 (4) 153
71.	What is the total number of male lecturers in university ? (1) 696 (2) 702 (3) 712 (4) 668
72.	What is the ratio of the number of female lecturers in Physics to the number of male lecturers in Mathematics ? (1) $5:9$ (2) $2:9$ (3) $3:7$ (4) $5:3$
73.	Which of the following fractions is greater than 3/4 and less than 5/6 ? (1) 1/2 (2) 2/3 (3) 4/5 (4) 9/10

Question No.	Questions
74.	When 52416 is divided by 312, the quotient is 168. What will be the quotient when 52.416 is divided by 0.0168 ? (1) 3.12 (2) 312 (3) 3120 (4) None of these
75.	Three balls are drawn at random from an urn containing 7 green, 6 black and 2 pink balls. What is probability that the three balls are of the same colour? (1) 80/91 (2) 33/56 (3) 56/455 (4) 11/91
76.	In questions **76** to **80**, choose the one word substitute for each description. Lady who remains unmarried (1) Single (2) Bachelor (3) Spinster (4) Cynic
77.	One who is quite like a woman. (1) Effeminate (2) Immaculate (3) Womanly (4) Temptress
78.	A compulsive desire to steal (1) Theft (2) Kleptomania (3) Nyctophobia (4) Theomania
79.	A speech or a presentation made without preparation. (1) stoic (2) lecture (3) apostasy (4) extempore

Question No.	Questions
80.	A person who is able to use both hands with equal skill (1) ambidextrous (2) fastidious (3) mercenary (4) belligerent
81.	Questions 81 to 85 : Select the option that is **opposite in meaning** to the underlined word. He is quite <u>serious</u> by temperament (1) trivial (2) sombre (3) solemn (4) innocuous
82.	His first lecture in the classroom turned to be a <u>fiasco</u>. (1) success (2) debacle (3) fun (4) disaster
83.	Unlike his wife, he is <u>affable</u>. (1) prickly (2) unfriendly (3) adorable (4) genial
84.	He handled the machine <u>deftly</u>. (1) adroitly (2) dextrously (3) precisely (4) clumsily
85.	He was <u>conspicuous</u> because of his colourful jacket. (1) charming (2) ugly (3) small (4) unnoticeable

Question No.	Questions
	Questions 86 to 90 : Fill in the blanks with the most appropriate answer/ option.
86.	Vijay lived _____ the river all his life. (1) by (3) at (2) on (4) with
87.	You are advised to abstain _____ all alcoholic drinks. (1) for (3) from (2) of (4) by
88.	Ravi never jumps _____ the conclusion. (1) at (3) for (2) by (4) to
89.	Harvard is _____ expensive University. Ajay cannot afford _____ go there. (1) a, in (3) an, of (2) an, to (4) the, to
90.	Have you ever been to _____ European country ? (1) an (3) the (2) a (4) none of the above
91.	**Questions 91 to 95.** Tick mark the option/part that has an error. (1) Fifteen miles (3) long way (2) are a (4) to walk
92.	(1) A bouquet of flowers are (3) the chief guest (2) presented to (4) by the principal

Question No.	Questions
93.	(1) Neither Nepal nor Bhutan (2) have yet (3) the capability (4) to produce nuclear weapons
94.	(1) Ajay was happy (2) that Sanjay and his sister (3) was going back (4) to Bombay
95.	(1) Mr. Gupta accompanied (2) by his wife (3) and children (4) are arriving tonight
96.	Questions 96 to 100 : Select the option that is **similar in meaning** to the given word. Solitude (1) loneliness (2) single mindedness (3) true statement (4) inference
97.	Naive (1) prompt (2) simple (3) professional (4) subaltern
98.	Integrity (1) rectification (2) incongruous (3) veracity (4) amnesty
99.	Procrastinate (1) delay (2) resultant (3) obstinate (4) adamant
100.	Eulogy (1) transcend (2) prodigy (3) stern (4) tribute

SET–"Y"

(Total No. of printed pages : 21)

(DO NOT OPEN THIS QUESTION BOOKLET BEFORE TIME OR UNTIL YOU ARE ASKED TO DO SO)

Five Year MBA/MHMCT And Four Year BHMCT/BTTM-EE-June, 2023

Sr. No. **10692**

Code **D**

Time : 1¼ Hours   Total Questions : 100   Max. Marks : 100

Roll No. _____ (in figure) _____ (in words)

Name : _____   Date of Birth : _____

Father's Name : _____   Mother's Name : _____

Date of Examination : _____

(Signature of the candidate)   (Signature of the Invigilator)

CANDIDATES MUST READ THE FOLLOWING INFORMATION INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

1. **All questions are compulsory.**
2. The candidates must return the Question book-let as well as OMR answer-sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfair-means / mis-behaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such a candidate will not be evaluated.
3. Keeping in view the transparency of the examination system, carbonless OMR Sheet is provided to the candidate so that a copy of OMR Sheet may be kept by the candidate.
4. Question Booklet along-with answer key of all the A,B,C and D code shall be got uploaded on the University Website immediately after the conduct of Entrance Examination. Candidates may raise valid objection/complaint if any, with regard to discrepancy in the question booklet/answer key within 24 hours of uploading the same on the University website. The complaint be sent by the students to the Controller of Examinations by hand or through email. Thereafter, no complaint in any case will considered.
5. The candidate MUST NOT do any rough work or writing in the OMR Answer-Sheet. Rough work, if any, may be done in the question book-let itself. Answers MUST NOT be ticked in the Question book-let.
6. **There will be no negative marking. Each correct answer will be awarded one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.**
7. Use only Black or Blue **BALL POINT PEN** of good quality in the OMR Answer-Sheet.
8. BEFORE ANSWERING THE QUESTIONS, THE CANDIDATES SHOULD ENSURE THAT THEY HAVE BEEN SUPPLIED CORRECT AND COMPLETE BOOK-LET. COMPLAINTS, IF ANY, REGARDING MISPRINTING ETC. WILL NOT BE ENTERTAINED 30 MINUTES AFTER STARTING OF THE EXAMINATION.

Question No.	Questions
1.	If 200% of a number is 90, then what is the 80% of that number ? (1) 48 (2) 36 (3) 24 (4) None of these
2.	23% of 8040 + 42% of 545 = ? % of 3000 (1) 56.17 (2) 63.54 (3) 69.27 (4) 71.04
3.	The present worth of Rs. 920 due at the end of 3 years at 5% simple interest per annum is : (1) Rs. 780 (2) Rs. 850 (3) Rs. 800 (4) Rs. 810
4.	If two successive discounts of 20% and 30% are given, what is the net discount (in %) ? (1) 40 (2) 44 (3) 56 (4) 60
5.	The cost prices of two shirts are equals, one shirt is sold for 20% profit and the other is sold for 10% loss. Find the overall profit percentage. (1) 25% (2) 10% (3) 5% (4) 15%
6.	An item was sold at a price after giving two successive discounts of 30% and 50%. If the selling price of the item was Rs. 448, then what was the marked price of the item ? (1) Rs. 840 (2) Rs. 1280 (3) Rs. 1140 (4) Rs. 1640

Question No.	Questions
7.	A man can do a job in 15 days. His father takes 20 days and his son finishes it in 25 days. How long will they take to complete the job if they all work together? (1) Less than 6 days (2) Exactly 6 days (3) Approximately 6.4 days (4) More than 10 days
8.	Kim can do a work in 3 days while David can do the same work in 2 days. Both of them finish the work together and get Rs. 150. What is the share of Kim ? (1) Rs. 30 (2) Rs. 60 (3) Rs. 70 (4) Rs. 75
9.	A train, 225 in long, is running at 45 km/h. In what time does it cross a man running at 18 km/h in the same direction ? (1) 20 s (2) 30 s (3) 25 s (4) 15 s
10.	A man rows a boat a certain distance upstream and then returns to the same place. If the time taken by him in going upstream is twice the time taken in rowing downstream, find the ratio of the speed of the boat in still water and the speed of the stream. (1) 2:1 (2) 3:2 (3) 5:3 (4) 3:1
11.	Five tables and eight chairs cost Rs. 7350. Three tables and five chairs cost Rs. 4475. What is the price of one table ? (1) Rs. 950 (2) Rs. 325 (3) Rs. 925 (4) Rs. 350

Question No.	Questions
12.	In how many ways can the letters of the word 'MOMENT' be arranged ? (1) 360 (2) 60 (3) 720 (4) 120
13.	How many different signals can be transmitted by arranging 3 red, 2 yellow and 2 green flags on pole ? [Assume that all the 7 flags are used to transmit a signal.] (1) 220 (2) 240 (3) 200 (4) 210
14.	If the largest three-digit number is subtracted from the smallest five-digit number, then the remainder is : (1) 1 (2) 9000 (3) 9001 (4) 90001
15.	How many prime numbers are there between 80 and 105 ? (1) 3 (2) 4 (3) 5 (4) 8
16.	2 dice are thrown. Find the odds in favour of getting the sum 5. (1) 8:1 (2) 1:8 (3) 7:8 (4) 8:7
17.	Out of 5 girls and 3 boys, 4 children are to be randomly selected for a quiz contest. What is the probability that all the selected children are girls ? (1) 1/14 (2) 1/7 (3) 5/17 (4) 2/17

Question No.	Questions
	Questions **18** to **22** : Study the following pie-chart carefully and answer the questions given below :

Percentage-wise distribution of lecturers in 6 different subjects in a university total number of lecturers : 1600 The ratio of male to female lecturers is given :
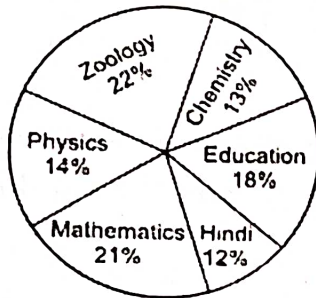
Lecturers	Males : Females
Mathematics	3 : 4
Education	5 : 3
Hindi	1 : 3
Chemistry	1 : 7
Physics	9 : 5
Zoology	7 : 9

18. Total number of lecturers (both male and female) in Hindi is approximately what percent of the total number of female lecturers in Mathematics and Chemistry together ?

(1) 58 (2) 43

(3) 47 (4) 51

19. What is the difference between the total number of lecturers (both male and female) is Zoology and the total number of male lecturers in Chemistry and Education together ?

(1) 192 (2) 182

(3) 146 (4) 136

Question No.	Questions
20.	What is the difference between the number of female lecturers in Zoology and the number of male lecturers in Hindi ? (1) 156 (2) 160 (3) 150 (4) 153
21.	What is the total number of male lecturers in university ? (1) 696 (2) 702 (3) 712 (4) 668
22.	What is the ratio of the number of female lecturers in Physics to the number of male lecturers in Mathematics ? (1) 5 : 9 (2) 2 : 9 (3) 3 : 7 (4) 5 : 3
23.	Which of the following fractions is greater than 3/4 and less than 5/6 ? (1) 1/2 (2) 2/3 (3) 4/5 (4) 9/10
24.	When 52416 is divided by 312, the quotient is 168. What will be the quotient when 52.416 is divided by 0.0168 ? (1) 3.12 (2) 312 (3) 3120 (4) None of these

Question No.	Questions
25.	Three balls are drawn at random from an urn containing 7 green, 6 black and 2 pink balls. What is probability that the three balls are of the same colour? (1) 80/91 (2) 33/56 (3) 56/455 (4) 11/91
26.	Which company has been recently upgraded to the status of Navratna CPSE(in May 2023) ? (1) Airports Authority of India (2) Rail Vikas Nigam Limited (3) Hindustan Copper Limited (4) Indian Railway Catering & Tourism Corporation Limited
27.	Which institution launched 'SPARK', virtual space Tech Park ? (1) NITI Aayog (2) DRDO (3) ISRO (4) BEL
28.	Which institution is to set up the 'Corporate Debt Market Development Fund'? (1) RBI (2) SEBI (3) NSE (4) BSE
29.	When is celebrated International Labour Day ? (1) 19th May (2) 24th May (3) 1st May (4) 6th May

Question No.	Questions
30.	Who has been appointed as the Chairperson of Nasscom for the year 2023-24 ? (1) Rajesh Nambiar (2) Anant Maheshwari (3) Krishnan Ramanujam (4) Rekha M. Menon
31.	Who inaugurated the Indian Air Force Heritage Center in Chandigarth ? (1) Prime Minister Narendra Modi (2) Defence Minister Rajnath Singh (3) Former President Ram Nath Kovind (4) Home Minister Amit Shah
32.	Which institution released the 'Business Ready (B-READY) project' ? (1) IMF (2) WEF (3) ADB (4) World Bank
33.	Which country launched the ChatGPT rival 'GigaChat-AI chatbot'? (1) USA (2) India (3) Russia (4) Israel
34.	Which song from an Indian film won Golden Globe award 2023 for Best Original Song ? (1) Jhoome jo pathan (2) Pasoori (3) Kesariya (4) NaatuNaatu
35.	Which Indian city will host the 2023 Asian Champions Trophy hockey tournament ? (1) Mumbai (2) Chennai (3) Pune (4) Hyderabad

Question No.	Questions
36.	Who won the gold medal at the World Women's Boxing Championship by defeating Australia's Caitlin Parker in the 75kg final ? (1) Nitu Ghanghas (2) Mary Kom (3) Vinesh Phogat (4) Lovlina Borgohain
37.	What is the theme of 'International Girls in ICT Day' 2023 ? (1) Empower girls (2) Digital Skills for Life (3) STEM (4) Science Skills for Life
38.	What is the name of world's first robotic check-in assistant that Emirates launched ? (1) Sara (2) Kiwi (3) Siri (4) Rini
39.	What is the current inflation rate in India as of April 2023 ? (1) 5.66% (2) 4.65% (3) 4.86% (4) 6.34%
40.	In which state were new wildlife conservation reserves declared ? (1) Rajasthan (2) Haryana (3) Karnataka (4) Punjab
41.	PM Modi laid the foundation stone of India's first Digital Science Park in _____. (1) Goa (2) Kerala (3) Assam (4) Sikkim

Question No.	Questions
42.	Which bank has launched the country's first pocket-sized swipe machine for accepting digital payments called "MicroPay"? (1) UCO Bank (2) Axis Bank (3) HDFC Bank (4) SBI
43.	Which state is set to become the first to use robotics technology extensively for manhole cleaning ? (1) Kerala (2) Odisha (3) Assam (4) Sikkim
44.	When was the G20 formed ? (1) 1990 (2) 1992 (3) 1995 (4) 1999
45.	On which date is National Technology Day celebrated ? (1) May 11 (2) May 10 (3) May 09 (4) May 12
46.	Which organization started the "Space Science and Technology Awareness Training Program" (START) ? (1) ISRO (2) NASA (3) DRDO (4) SAARC
47.	In which country will the technology firm Cisco start manufacturing operations ? (1) Indonesia (2) Iran (3) Iraq (4) India

Question No.	Questions
48.	What is the purpose of India launching its own heat index ? (1) To quantify the impact of heat on the environment (2) To generate impact-based heatwave alerts for specific locations (3) To predict natural disasters (4) To measure air pollution levels
49.	Who is the first women pilot of the Indian Air Force to fly the Rafale fighter jet ? (1) Shivangi Singh (2) Deepika Choudhary (3) Bhawana Kanth (4) Avani Chaturvedi
50.	What is the 'Machines Can See 2023' Summit ? (1) An international conference on AI in the UAE (2) A summit for discussing advancements in robotics (3) A workshop for digital marketing strategies (4) A part of the G20 meeting
51.	In questions **51** to **55**, choose the one word substitute for each description. Lady who remains unmarried (1) Single (2) Bachelor (3) Spinster (4) Cynic

Question No.	Questions
52.	One who is quite like a woman. (1) Effeminate (2) Immaculate (3) Womanly (4) Temptress
53.	A compulsive desire to steal (1) Theft (2) Kleptomania (3) Nyctophobia (4) Theomania
54.	A speech or a presentation made without preparation. (1) stoic (2) lecture (3) apostasy (4) extempore
55.	A person who is able to use both hands with equal skill (1) ambidextrous (2) fastidious (3) mercenary (4) belligerent
56.	Questions **56** to **60** : Select the option that is **opposite in meaning** to the underlined word. He is quite <u>serious</u> by temperament (1) trivial (2) sombre (3) solemn (4) innocuous
57.	His first lecture in the classroom turned to be a <u>fiasco</u>. (1) success (2) debacle (3) fun (4) disaster

Question No.	Questions
58.	Unlike his wife, he is <u>affable</u>. (1) prickly (2) unfriendly (3) adorable (4) genial
59.	He handled the machine <u>deftly</u>. (1) adroitly (2) dextrously (3) precisely (4) clumsily
60.	He was <u>conspicuous</u> because of his colourful jacket. (1) charming (2) ugly (3) small (4) unnoticeable
61.	Questions **61 to 65** : Fill in the blanks with the most appropriate answer/ option. Vijay lived _____ the river all his life. (1) by (2) on (3) at (4) with
62.	You are advised to abstain _____ all alcoholic drinks. (1) for (2) of (3) from (4) by
63.	Ravi never jumps _____ the conclusion. (1) at (2) by (3) for (4) to

Question No.	Questions
64.	Harvard is _____ expensive University. Ajay cannot afford _____ go there. (1) a, in (2) an, to (3) an, of (4) the, to
65.	Have you ever been to _____ European country ? (1) an (2) a (3) the (4) none of the above
66.	Questions **66** to **70**. Tick mark the option/part that has an error. (1) Fifteen miles (2) are a (3) long way (4) to walk
67.	(1) A bouquet of flowers are (2) presented to (3) the chief guest (4) by the principal
68.	(1) Neither Nepal nor Bhutan (2) have yet (3) the capability (4) to produce nuclear weapons
69.	(1) Ajay was happy (2) that Sanjay and his sister (3) was going back (4) to Bombay
70.	(1) Mr. Gupta accompanied (2) by his wife (3) and children (4) are arriving tonight

Question No.	Questions
	Questions 71 to 75 : Select the option that is **similar in meaning** to the given word.
71.	Solitude
	(1) loneliness (2) single mindedness
	(3) true statement (4) inference
72.	Naive
	(1) prompt (2) simple
	(3) professional (4) subaltern
73.	Integrity
	(1) rectification (2) incongruous
	(3) veracity (4) amnesty
74.	Procrastinate
	(1) delay (2) resultant
	(3) obstinate (4) adamant
75.	Eulogy
	(1) transcend (2) prodigy
	(3) stern (4) tribute

Question No.	Questions
76.	Names of 6 friends are written on 6 different faces of the cube. If Sita is in between Ram and Aum, Rohit is opposite to Animesh then which name must be on the face opposite to Kavita ? (1) Aum (2) Animesh (3) Ram (4) Sita
77.	Study the following arrangement F N $ 3 2 * W E %! B M P(A V ~ 9 F + S U # L T^ How many such numbers are there in the above sequence, each of which is immediately preceded by a consonant and immediately followed by a symbol? (1) None (2) One (3) Two (4) Three
78.	In certain code languages : "Kerala Karnataka Tamil Nadu Andhra-Pradesh" is coded as ZO ZK RA ZG "Rajasthan Karnataka Tamil Nadu Kerala" is coded as ZK RA ZO ZH "Haryana Tamil Nadu Punjab Gujarat" is coded as ZM RS ZT ZK "Kerala Bihar Jharkhand Haryana" is coded as RA RN LQ ZT How will Kerala Rajasthan Haryana be coded in the given language? (1) RA ZH ZT (2) RA ZO ZH (3) ZH RN ZK (4) LQ ZT ZM
79.	Complete the sequence given below : Gfe_ig_eii_fei_gf_ii (1) eigfi (2) ifgie (3) figie (4) ifige

Question No.	Questions
80.	consider the following series : 51975, 9450, 2100, 600, 240, 160, ? What will come in place of the question mark in the above series ? (1) 80 (2) 120 (3) 320 (4) 240
81.	A statement is given followed by three conclusions. Statement : P>V=S<L>H<C>T Conclusion : (i) P>L (ii) H<P (iii) H>P Which of the conclusion follows the given statement ? (1) Only (i) follows (2) Only (iii) follows (3) Either (i) or (ii) follows (4) Either (ii) or (iii) follows
82.	If in the code language, NATIONAL is written as MZGRLMZO, then how will JAIPUR be written in that language ? (1) QZRKFI (2) PZRKFI (3) QZRIFK (4) QARKF

Question No.	Questions
83.	If BLOCK is written as 25164 and OFFICE is written as 177368, then CELIO will be written as (1) 52182 (2) 31524 (3) 68531 (4) 42135
84.	Pointed to a lady, Rita said to her husband, "She is the mother of my only brother's father's only sister." How is that lady related to Rita's husband? (1) Grandmother (2) Great grandmother (3) Grandmother-in-law (4) Great grandmother-in-law
85.	Five friends P, Q, R, S and T are studying at a central university. They speak various languages. R and T speak Tamil and Telugu both. P and S speak Marathi and English both. Q and S speak Bangla and Marathi both. Similarly, R and P speak Telugu and Kannada. Who speaks the maximum number of languages? (1) R (2) S (3) P (4) Q
86.	What was the day of the week on 16th June 1999? (1) Saturday (2) Monday (3) Wednesday (4) Thursday
87.	Complete the series 3, 7, 23, 95, ? (1) 62 (2) 128 (3) 479 (4) 575

Question No.	Questions
88.	Complete the series _?_, DREQ, GUHT, JXKW (1) EFRS (2) TGSF (3) JWVI (4) AOBN
89.	If '_' stands for division '+' stands for subtraction, '÷' stands for multiplication, 'x' stands for addition, then which one of the following equations is correct ? (1) $70 - 2 + 4 \div 5 \times 6 = 44$ (2) $70 - 2 + 4 \div 5 \times 6 = 21$ (3) $70 - 2 + 4 \div 5 \times 6 = 341$ (4) $70 - 2 + 4 \div 5 \times 6 = 36$
90.	In a survey, 70% of those surveyed owned a car and 75% of those surveyed owned a TV. If 55% owned both a car and a TV, what percent of those surveyed did not own either a car or a TV ? (1) 25% (2) 20% (3) 10% (4) 5%
91.	Select the option in which the numbers are related in the same way as the numbers of the following set. (12, 121, 169) (1) (11, 144, 196) (2) (14, 196, 225) (3) (16, 161, 256) (4) (17, 256, 324)
92.	Select the option in which the words share the same relationship as that shared by the given pair of words. Pulmonologist : Lungs (1) Endocrinologist: Glands (2) Ophthalmologist: Ears (3) Nephrologist: Nerves (4) Bones : Orthopaedic

Question No.	Questions
93.	Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements. Statements : All lockets are chains 100% of medals are lockets Some rings are chains Conclusions : (I) All chains are medals (II) All medals being rings is a possibility (1) Only conclusion II follows (2) Neither conclusion I nor II follows (3) Only conlusion I follow (4) Both conclusions I and II follow
94.	Which set of letters when sequentially placed at the gaps in the given letter series shall complet it ? s_r_t_s_r (1) trts (2) rtst (3) trst (4) tsss
95.	Amit's present age is 5/4 of his age at the time of his sister's marriage. If his sister's marriage happend 5 years ago and his father's age was twice Amit's age at that time, then what is his father's present age (in years) ? (1) 55 (2) 45 (3) 50 (4) 40

Question No.	Questions
96.	In the following question, select the word which cannot be formed using the letters of the given word. Precipitation (1) Reaction (2) Patient (3) Reacts (4) Petition
97.	Find the odd one out among the following. (1) ECS (2) RTGS (3) NEFT (4) EMI
98.	Directions (98-100): Five people P, Q, R, S and T visit an office on certain days of the week. They work as a plumber, carpenter, cook, electrician and doctors in random order. A person pursues only one profession and visits the office only one day a week. Consider the following information and answer questions based on it. (i) The plumber visits the office every Monday (ii) P is an electrician who comes neither on Tuesday nor Thursday. (iii) T is a carpenter and R is not a plumber. (iv) The person who visits the office on Thursday is not a doctor. (v) S works on a Tuesday and T works on the following day. Which is the right combination ? (1) Monday – Electrician (2) Thursday – Cook (3) Tuesday – Carpenter (4) Friday – Doctor
99.	The doctor visits the office on. (1) Friday (2) Wednesday (3) Thursday (4) Tuesday
100.	Who is the plumber ? (1) Q (2) S (3) R (4) T

Q. NO.	A	B	C	D
1	3	4	2	2
2	1	2	3	3
3	2	1	2	3
4	4	2	3	2
5	1	3	2	3
6	1	4	2	2
7	1	1	4	3
8	2	3	3	2
9	4	3	4	2
10	4	3	2	4
11	1	3	4	1
12	3	3	2	1
13	4	4	1	4
14	2	2	1	3
15	2	3	1	3
16	2	4	2	2
17	1	1	2	1
18	2	1	1	4
19	3	3	4	3
20	4	2	1	3
21	1	3	1	1
22	2	4	4	1
23	3	2	2	3
24	1	4	1	3
25	4	1	1	4
26	2	3	4	2
27	3	1	2	3
28	3	2	1	2
29	2	4	2	3
30	3	1	3	2
31	2	1	4	2
32	3	1	1	4
33	2	2	3	3
34	2	4	3	4
35	4	4	3	2
36	1	1	3	4
37	1	3	3	2
38	4	4	4	1
39	3	2	2	1
40	3	2	3	1
41	2	2	4	2
42	1	1	1	2
43	4	2	1	1
44	3	3	3	4
45	3	4	2	1
46	1	1	3	1
47	1	2	4	4
48	3	3	2	2
49	3	1	4	1
50	4	4	1	1

ANSWER KEYS OF M.B.A. 5 YEARS COURSE FOR SESSION 2023-24

Q. NO.	A	B	C	D
ANSWER KEYS OF M.B.A. 5 YEARS COURSE FOR SESSION 2023-24				
51	4	2	2	3
52	2	3	3	1
53	1	2	3	2
54	2	3	2	4
55	3	2	3	1
56	4	2	2	1
57	1	4	3	1
58	3	3	2	2
59	3	4	2	4
60	3	2	4	4
61	3	4	1	1
62	3	2	1	3
63	4	1	4	4
64	2	1	3	2
65	3	1	3	2
66	4	2	2	2
67	1	2	1	1
68	1	1	4	2
69	3	4	3	3
70	2	1	3	4
71	3	1	1	1
72	4	4	1	2
73	2	2	3	3
74	4	1	3	1
75	1	1	4	4
76	2	2	3	4
77	3	3	1	2
78	2	3	2	1
79	3	2	4	2
80	2	3	1	3
81	2	2	1	4
82	4	3	1	1
83	3	2	2	3
84	4	2	4	3
85	2	4	4	3
86	4	1	1	3
87	2	1	3	3
88	1	4	4	4
89	1	3	2	2
90	1	3	2	3
91	2	2	2	4
92	2	1	1	1
93	1	4	2	1
94	4	3	3	3
95	1	3	4	2
96	1	1	1	3
97	4	1	2	4
98	2	3	3	2
99	1	3	1	4
100	1	4	4	1