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RRB NTPC

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 17

QUESTION- 100

MARKS- 100

NEGATIVE MARK- 1/3

DURATION- 90 MIN.

1. USE ONLY BALL PENS WITH BLACK OR BLUE INK
2. AS SOON AS THE EXAMINATION STARTS, YOU MUST CHECK THIS QUESTION BOOKLET AND IF THERE IS ANY UNPRINTED, MUTILATED OR PARTIALLY PRINTED PAGE OR QUESTION IN IT, THEN REPLACE IT WITH THE CORRECT QUESTION BOOKLET THROUGH THE EXAMINER.
3. THERE ARE A TOTAL OF 100 QUESTIONS IN THIS QUESTION BOOKLET.
4. THIS IS AN OBJECTIVE TEST, IN WHICH FOUR OPTIONS ARE GIVEN FOR THE ANSWER TO EACH QUESTION, YOU HAVE TO CHOOSE ONLY ONE OPTION WITH THE CORRECT ANSWER OUT OF THESE FOUR OPTIONS.
5. ANSWERS TO ALL QUESTIONS ARE TO BE WRITTEN ON SEPARATE ANSWER SHEETS.

6. INSTRUCTIONS FOR FILLING THE ANSWER SHEET ARE WRITTEN ON THE BACK SIDE OF THE ANSWER SHEET, READ THEM CAREFULLY BEFORE FILLING THE ANSWER SHEET.
7. BLANK PAGES ARE AVAILABLE IN THIS QUESTION BOOKLET FOR ROUGH WORK.
8. CANDIDATES CANNOT LEAVE THE ROOM BEFORE THE END OF THE EXAMINATION.
9. AFTER THE EXAMINATION IS OVER, YOU CAN GO OUT ONLY WITH HIS PERMISSION AFTER SUBMITTING THE ORIGINAL COPY OF THE ANSWER SHEET TO THE INVIGILATOR.
10. AFTER THE COMPLETION OF THE EXAMINATION, THE CANDIDATE IS ALLOWED TO TAKE THE QUESTION BOOKLET AND ANSWER SHEET WITH HIM/HER.
11. 1 MARKS WILL BE GIVEN FOR EACH CORRECT ANSWER AND 1/3 MARKS WILL BE DEDUCTED FOR EACH WRONG ANSWER.



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Total: 100 Que.

RRB NTPC Set 17

Time: 90 Min.

RRB NTPC CBT I

1). Select the option which is different from the other

- (a) Manipuri (b) Garba (c) Kathakali
(d) Odyssey

2). From the given alternatives, select the relative term for the second pair which will replace the question mark (?) Following the relation to the first pair:

CROW : XILD :: MONKEY : ?

- (a) NLMPVB (b) NLMQVB (c) NLMPUB
(d) NJMPVB

3). N is the only daughter of I. I am married to J. If J is the father of K, then how is K related to N?

- (a) Brother (b) Daughter (c) Son (d) Wife

4). From the given alternatives, select the relative term for the second pair which will replace the question mark (?) Following the relation in the first pair:

BONE: ORTHOPAEDIST :: CANCER : _____

- (a) HEPATOLOGIST (b) ONCOLOGIST
(c) NEPHROLOGIST (d) HEMATOLOGIST

5). In the question given below, there are two statements I and II. Decide, are the facts provided in the statements sufficient to answer the question? Read both the statements and give your answer.

Question: Seven people Kuna, Kamal, Shiva, Naveen, Tarun Rajesh and Vijay are standing in a row towards the east. Who stands at the extreme right end?

I. Only Kamal is between Vijay and Kuna. Naveen is to the immediate right of Vijay.

II. Naveen is between Vijay and Shiva. Tarun Kuna is standing immediately to the left.

(a) The facts available in statement II are sufficient to answer the question.

(b) The facts available in statement I are sufficient to answer the question.

(c) The facts available in statements I and II together are sufficient to answer the question.

(d) The facts available in statements I and II together are not sufficient to answer the question.

6). In the question given below, two statements I and II are given after a statement. You have to consider everything in the statement to be true and then consider two predictions and decide which of them logically follows the information given in the statement, beyond any doubt.

Statement:

India accounts for 55% of the market share of the total IT industry in the world.

Forecast:

I. Foreign companies prefer India only because of the availability of cheap labor.

II. The central government has provided various subsidies to multinational companies for their progress.

(a) Both predictions I and II are implicit.

(b) Only forecasts are implicit.

(c) Neither predictions I nor II are implicit.

(d) Only forecast II is implicit.

7). Five friends are sitting facing the center in a circular arrangement. C is second to the left of D, who is to the immediate right of B, who is third to the right of A. Where will D sit in relation to other friends?

(a) Between C and B

(b) To the immediate right of C (c) Between A and

(d) Between A and B

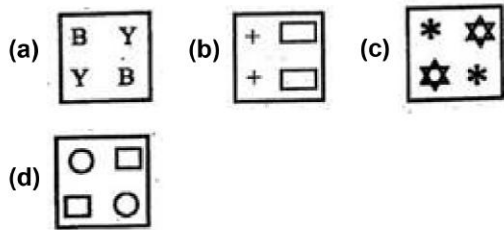
8). 'TAXATION' is written as '5' in a certain code language. How is 'BUSINESS' written in that code language?

- (a) 2 (b) 5 (c) 6 (d) 7

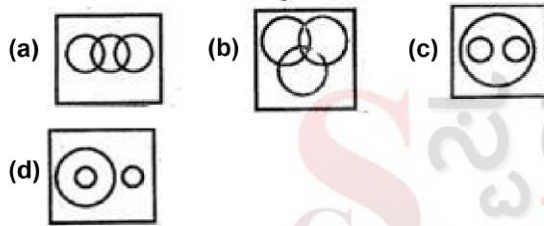
- 9). Selvam and Naveen walk through a fixed point. Selvam goes 7 km south and then turns left and walks 5 km. Naveen goes 5 km east and turns left and walks 5 km. How far are the two from each other?

(a) 17 km (b) 22 km (c) 15 km (d) 12 km

- 10). Select the option which is different from the other options given.



- 11). Which one of the following diagrams in the options shows the relationship between dress, saree, shirt



- 12). Find out the wrong number in the given series:

62, 46, 34, 24, 16, 10

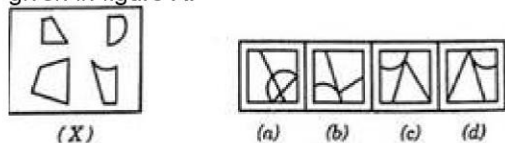
(a) 62 (b) 46 (c) 34 (d) 24

- 13). In each of the following number series is a wrong number, find out wrong number.

1, 4, 25, 256, 3125, 46656, 823543

(a) 3125 (b) 823543 (c) 46656 (d) 25

- 14). In the following question find out which of the answer figure can be formed from the pieces given in figure X.



(a) Figure (a) (b) Figure (b) (c) Figure (c)
(d) Figure (d)

- 15). In the following question, select the related letters from the given alternatives.

NPR : GHI :: TVX : ?

(a) JKL (b) KLM (c) IJK (d) IKL

- 16). In the following question, select the related number from the given alternatives.
3 : 30 :: 7 : ?

(a) 310 (b) 320 (c) 340 (d) 350

- 17). Bhargav is in the north of Bhairav at a distance of 7m who is 17m to the north-west of Manas. Manas moves 3m towards north direction and reach at point P. Point P is in which direction with respect to Bhargav?

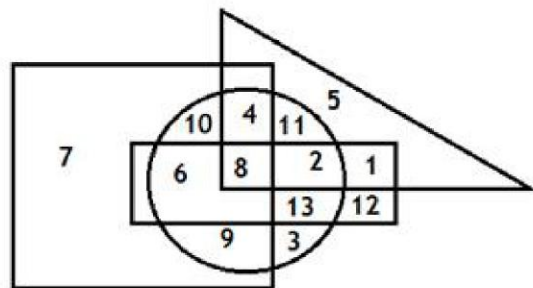
(a) South-West (b) South-East (c) North-East
(d) North-West

- 18). A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

MNO, TUV, BCD, KLM, ?

(a) UWV (b) UVW (c) WUV (d) VUW

- 19). In the given figure below, the triangle represents Singer, the circle Dancer, the rectangle Actor and square engineer. Find out the engineer who are dancer and actor but not singer?



(a) 6 (b) 8 (c) 2 (d) 11

- 20). Three of the following four words are alike in a certain way and one is different. Find the odd one out.

(a) Lawyer (b) Doctor (c) Engineer
(d) Education

- 21). In the following question, select the odd word from the given alternatives.

(a) India (b) North America (c) Europe
(d) Australia

- 22). Pointing to a man, Ashok says, "he is my elder brother's wife's father-in-law", then how is

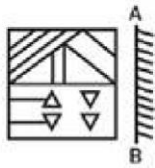
the man related to Ashok?

- (a) Cousin (b) Father (c) Uncle (d) Son

23). A girl is facing west direction. She turns in the clockwise direction 45° and 180° respectively. She then turns 270° in the anticlockwise direction. Which direction is she facing now?

- (a) South (b) North-east (c) West
(d) South-west

24). Select the correct mirror image of the given figure when the mirror is placed at line AB.



- (a) (b) (c) (d)

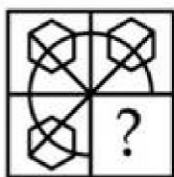
25). In a certain code language, 'REASON' is written as 'SDBRPM'. What is the code for 'NGLISH' in that code language?

- (a) PGMUHH (b) OFMHTG (c) PGNIUH
(d) OEMHTG

26). In a certain code language, 'PAPER' is written as 'UFUJW'. What will be the code for 'MOURN' in that code language?

- (a) SUBXT (b) RTAWS (c) RTZWS (d) SUAXT

27). Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



- (a) (b) (c) (d)

28). A person travels in North-East direction for 17 km, then he travels 8 km in the south direction. How far he is from his starting position?

- (a) 10 km (b) 8 km (c) 15 km (d) 12 km

29). It was Sunday on 27 January 2002. What will be the day on 27 January 2022?

- (a) Thursday (b) Friday (c) Tuesday
(d) Wednesday

30). In the following question, select the odd figure from the given alternatives.

- (a) (b) (c) (d)

31). Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements.

Statements:

Some Editors are Actors.

All the Actors are Writers.

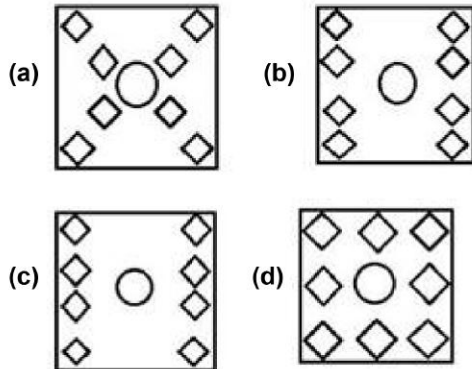
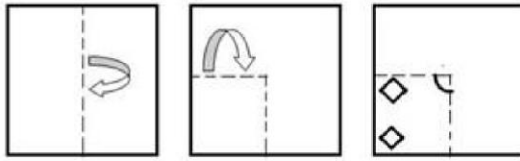
Conclusions:

I. Some Editors and Writers.

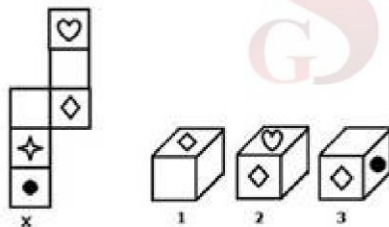
II. No Actor is Editor.

- (a) Neither Conclusion I nor II follow.
(b) Only Conclusion II follows.
(c) Only Conclusion I follows.
(d) Either Conclusion I or II follows.

- 32). The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figure. How would this paper look when unfolded?



- 33). Select the correct box number from given alternatives which is similar to the box formed from the given sheet of paper X.



- (a) 2 only (b) 1 and 3 only (c) 1 only
(d) 2 and 4 only

- 34). If March 27, 1999, is Saturday, then what is the day of the week on February 2, 2007?

- (a) Sunday (b) Friday (c) Tuesday
(d) Wednesday

- 35). Find the value of $\frac{0.216 + (1.7)^3}{0.36 - 1.02 + (1.7)^2}$

- (a) 2.3 (b) 4.7 (c) 2.1 (d) 1.9

- 36). Ramesh lent out 40% of a certain sum at the annual rate of 15% at simple interest, he lent 50% of the remaining at the annual rate of 10% and the rest amount was lent out at 18% per annum. Find the annual interest rate on total sum.

- (a) 13.4% (b) 14.33% (c) 14.4% (d) 13.33%

- 37). $(0.1 \times 0.01 \times 0.001 \times 10^7)$ is equal to

- (a) 100 (b) $\frac{1}{10}$ (c) $\frac{1}{100}$ (d) 10

- 38). The ratio of oil and kerosene in the container is 3 : 2. When 10 litres of the mixture is taken out and is replaced by the kerosene, then the ratio becomes 2:3. The total quantity of the mixture in the container is

- (a) 25 litres (b) 30 litres (c) 45 litres
(d) cannot be determined

- 39). How many numbers divisible by 10 can be made by using digits 0, 2, 5, 6 and 8 if no digit is repeated?

- (a) 120 (b) 24 (c) 12 (d) 6

- 40). A and B can complete the work in 15 days and 10 days respectively. They started doing a work together but after 2 days, B had to leave and A alone completed the remaining work. The whole work was completed in

- (a) 8 days (b) 10 days (c) 12 days (d) 16 days

- 41). If $(4)^{7.5} \times (4)^{2.5} \div (16)^{1.5} = 4^x$ then find the value of x.

- (a) 7 (b) 11 (c) 5 (d) 9

- 42). The average of the marks of 30 boys is 88, and when the top two scores were excluded, the average marks reduced to 87.5. If the top two scores differ by 2, then the highest mark is:

- (a) 94 (b) 96 (c) 92 (d) 90

- 43). X and Y are two stations which are 280 km apart. A train starts at a certain time from X and travels towards Y at 60 km/h. After 2 hours, another train starts from Y and travels towards X at 20 km/h. After how many hours does the train leaving from X meets the train which left from Y?

- (a) 4 hours (b) 3 hours (c) 6 hours (d) 2 hours

- 44). Which of the following pairs is co-prime?

- (a) (13,221) (b) (247,101) (c) (31,217)
(d) (23, 207)

- 45). The average weight of 18 boys in a group is 35 kg. If four new boys of weights 20 kg, 22 kg, 26 kg and 28 kg are added to the group, then what is the average weight of the newly formed group?

- (a) 34 years (b) 32 years (c) 35 years
(d) 33 years

46). In a mixture of 60 litres, the ratio (by volume) of milk and water is 2: 1. If X litres of water is added in the mixture. The ratio of milk and water becomes 1: 2. then what is the value of X?

- (a) 40 (b) 56 (c) 20 (d) 60

47). Average of 11 numbers is 32. If the average of first six numbers is 26 and the average of last six numbers is 36 then what is the value of the sixth number?

- (a) 20 (b) 26 (c) 32 (d) 30

48). A train crosses a pole and 400 m long platform in 15 seconds and 25 seconds respectively. What will be the time taken by the train to cross a 200 m long platform?

- (a) 20 s (b) 15 s (c) 17 s (d) 25 s

49). The LCM of two numbers is 114 times their HCF. If the sum of LCM and HCF is 2300 and one of the numbers is 380, find the other number.

- (a) 140 (b) 160 (c) 120 (d) 190

50). What is the fourth proportional to 136, 17, 296?

- (a) 37 (b) 33 (c) 47 (d) 6

51). A train takes 3 hours less for a journey of 560 km, if its speed is increased by 24 km/h from its usual speed. How much time will it take to cover a distance of 308 km at its usual speed?

- (a) 3.85 hours (b) 5.5 hours (c) 4.5 hours
(d) 5.25 hours

52). If $x = 43 \times 19 - 21 \div 5 \times 31 + 23.7$; then which of the following is true?

- (a) $250 < x < 650$ (b) $130 < x < 580$
(c) $370 < x < 720$ (d) None of these

53). The marked price of an article is Rs.840. After two successive discounts of 20% and x%, it is sold for Rs.638.40. What is the value of x?

- (a) 10 (b) 5 (c) 15 (d) 12

54). The marked price of a mobile phone is Rs. 6000 more than the cost price. If the mobile phone was sold at 15% discount on the

marked price then the gain was Rs. 3000. By what percentage above the cost price the mobile phone should be sold to gain Rs. 4200?

- (a) 20 (b) 15 (c) 30 (d) 10

55). The salaries of Ram, Balram and Shyam are in the ratio 3: 6 : 5. If the salaries are hiked by 33.33%, 16.66% and 20% respectively, then find the ratio of increased salaries.

- (a) 6 : 7 : 4 (b) 4 : 7 : 6 (c) 7 : 9 : 6 (d) 6 : 9 : 7

56). The sum of the number of male and female students in an institute is 100. If the number of male students is x, then the number of female students becomes x% of the total number of students. Find the number of male students.

- (a) 65 (b) 50 (c) 60 (d) 45

57). On selling 38 balls at Rs.2,240, there is a loss equal to the cost price of 6 balls. The cost price of a ball is equal to:

- (a) Rs.60 (b) Rs.70 (c) Rs.50 (d) Rs.80

58). The item 'Education' belongs to the which list?

- (a) Union List (b) State List (c) Concurrent List
(d) Residuary List

59). Who repaired the Sudarshana lake in Kathiawar region ?

- (a) Ashoka (b) Chandragupt I (c) Rudradaman I
(d) Cyrus

60). Where is the Indian Fine Arts Council located in Uttar Pradesh ?

- (a) Lucknow (b) Agra (c) Sitapur (d) Varanasi

61). Which is the longest canal system in Uttar Pradesh ?

- (a) Ramagnga Canal (b) Sharda Canal
(c) East Yamuna Canal (d) Ghaghra Canal

62). Who is not the ex officio member of the National Human Rights Commission ?

- (a) The Chairperson of the National Commission for Minorities.
(b) The Chairperson of the Law Commission of India

- (c) The Chairperson of the National commission for the scheduled Castes and Scheduled Tribes
(d) The Chairperson of the National Commission for Women

63). Who nominates 12 members to Rajya Sabha?

- (a) Prime Minister (b) President (c) Parliament
(d) Vice President

64). As per the SC/ST Act 1989, a crime will be considered only if the offender is.....

- (a) Member of the Muslim religion
(b) A member of any caste except a member of the schedule caste or schedule tribe.
(c) By a member of the schedule caste or schedule tribe.
(d) Members of general caste only.

65). Which of the following statements is incorrect about the Public interest Litigation (PIL) in India?

- (a) A PIL can be filed in the Supreme Court or in a high court.
(b) The ban on Instant Triple Talaq and legalisation of passive euthanasia are results of PIL.
(c) A person can file a PIL in the Supreme Court under the Article 32 of the Constitution and in a high court under the Article 226.
(d) The petitioner who is filing the PIL must be an aggrieved person.

66). Which type of rainfall occurs due to forced upward of air upon encountering an upland or mountain?

- (a) Convectional rainfall (b) Orographic rainfall
(c) Cyclonic rainfall (d) Frontal rainfall

67). Which of the following rivers originates in Amarkantak Hill in Madhya Pradesh?

- (a) Periyar (b) Ravi (c) Narmada (d) Gomti

68). _____ law of thermodynamics states that it is impossible to have a cyclic process that converts heat completely into work.

- (a) Zeroth (b) First (c) Second (d) Third

69). The SC decides the disputes between Centre and States, between two or more states. This power of SC comes under its

- (a) Original Jurisdiction (b) Appellate Jurisdiction
(c) Advisory Jurisdiction (d) Criminal Jurisdiction

70). Which type of minorities are recognized under Article-30?

- (a) Religious (b) Lingual (c) Ethnic
(d) Both A and B

71). Which of the following is the largest Lok Sabha constituency in India (areawise)?

- (a) Jaisalmer (b) Ladakh (c) Leh (d) Barmer

72). In Lok Sabha, How many minimum numbers of members are required to put Non Confidence motion on the floor of the house?

- (a) 20 (b) 30 (c) 40 (d) 50

73). Which state is set to declare itself India's first "total e-governed state"?

- (a) Kerala (b) Tamil Nadu (c) Odisha
(d) Andhra Pradesh

74). Who was the first Asian to be elected to the British Parliament?

- (a) Dada Bhai Naoroji (b) WC Banerjee
(c) Pherozeshah Mehta (d) BG Tilak

75). Articles 243- 243-O of the Constitution of India deal with which of the following?

- (a) Emergency provisions (b) Tribunals
(c) Official Language (d) Panchayats

76). By which constitutional amendment act it was made obligatory for the president to give assent to Constitutional amendment bill?

- (a) 24th (b) 72nd (c) 74th (d) 1st

77). Which of the following deals with Amendment to the Constitution?

- (a) Article 356 in Part XI (b) Article 368 in Part XIV
(c) Article 356 in Part XVII
(d) Article 368 in Part XX

78). India adopted from Constitution of South Africa_____.

(a) Election to loksabha

(b) Constitutional Amendment and election to Rajya Sabha

(c) Election to Rajya Sabha

(d) Election of President.

79). National Commission for Backward Classes is a_____.

(a) Constitutional Body (b) Statuary body

(c) Non Statuary body

(d) Extra constitutional body

80). Which of the following Acts provides for protection to wild animals in India?

(a) Wild Life Protection Act, 1972

(b) Environment Protection Act- 1986

(c) Forest Conservation Act, 1980

(d) Biological Diversity Act, 2002

81). Which of the following is NOT correctly matched?

Product – District

(a) Zari-Zardozi – Bareilly

(b) Home Furnishings – Baghpat

(c) Wheat-Stalk Handicrafts – Bahraich

(d) Bindi (Tikuli) – Basti

82). According to the final data of Census 2011, how many points has the sex ratio of Uttar Pradesh increased in 2011 as compared to 2001?

(a) 14 (b) 16 (c) 18 (d) 20

83). Project Elephant was launched in India in the year _____.

(a) 1972 (b) 1992 (c) 1973 (d) 1985

84). Under section 82 of IPC, nothing is an offence which is done by a child under_____years of age.

(a) 16 years of age (b) 15 years of age

(c) 7 years of age (d) 18 years of age

85). How many sections are there in Indian Penal Code (IPC)?

(a) 551 (b) 511 (c) 500 (d) 497

86). IPC Section 304 (B) is related to_____.

(a) Punishment for Murder (b) Unnatural offences

(c) Dowry Death (d) Attempt to Murder

87). National Science Day is celebrated on_____.

(a) February 27 (b) February 26 (c) February 28

(d) February 25

88). Who has virtually inaugurated the Delhi (Anand Vihar)-Dehradun Vande Bharat Express?

(a) Narendra Modi (b) Ashwini Vaishnaw

(c) Amit Shah (d) Piyush Goyal

89). Which Indian state has become the first state in the country to table a paperless budget?

(a) Uttar Pradesh (b) Kerala (c) Karnataka

(d) Punjab

90). What does this traffic sign represent?

(a) Narrow road ahead (b) In front part vehicle

(c) Dangerous dip (d) Barrier ahead

91). According to the road rules, where can pedestrians cross the road?

(a) Near the signals (b) Anywhere on the road

(c) At Zebra crossing (d) All of these

92). In which district, is the 'Shakambhari Devi Fair' organized?

(a) Prayagraj (b) Gorakhpur (c) Mathura

(d) Saharanpur

93). Which amongst the following is NOT a general traffic rule?

(a) Never Drink & Drive.

(b) Always Wear Seat Belt.

(c) Keep a Safe Distance from the vehicle ahead.

(d) Sit on the right side while driving

94). The size and shape of the parliamentary constituencies are determined by an independent

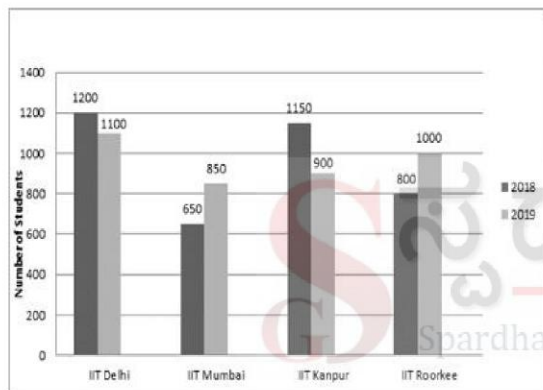
- (a) Election Commission (b) Census Commission
(c) Planning Commission
(d) Delimitation Commission

95). Who amongst the following is the present/current vice-chairperson of National Commission for Minorities?

- (a) Javed Habib (b) Mia Gulzar
(c) Shawan Ahmed (d) Atif Rasheed

Direction: Study the bar graph carefully and answer the following questions.

The bar graph shows the number of students who were selected for four different IITs in various graduate programs during the years 2018 and 2019.



96). The total number of students selected in IIT Mumbai and IIT Kanpur together in the year 2018 is how much less than the total number of students selected in IIT Roorkee and IIT Delhi together in the year 2019?

- (a) 300 (b) 250 (c) 200 (d) 350

97). The value of

$$3\frac{1}{3} \div 2\frac{1}{2} \text{ of } 1\frac{3}{5} + \left(\frac{3}{8} + \frac{1}{7} \times 1\frac{3}{4}\right) \text{ is:}$$

- (a) $\frac{55}{24}$ (b) $\frac{35}{24}$ (c) $\frac{25}{24}$ (d) $\frac{5}{24}$

98). Rita's income is 15% less than Richa's income. By what percent is Richa's income more than Rita's income?

- (a) $14\frac{11}{17}\%$ (b) $15\frac{11}{17}\%$ (c) $16\frac{11}{17}\%$
(d) $17\frac{11}{17}\%$

99). A sum amounts to Rs.7,562 in 4 years and to Rs.8,469.44 in 5 years at a certain rate per annum when the interest is compounded yearly. If Rs.10,000 is borrowed for two years at the same rate of interest, then what will be the compound interest (in Rs.) ?

- (a) 2,544 (b) 2,764 (c) 1,965 (d) 1,736

100). What is the ratio of the total number of students selected in 2018 in all four IITs to the total number of students selected in 2019 in all four IITs?

- (a) 77:76 (b) 75:77 (c) 77:75 (d) 76:77