RRB NTPC

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 29

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 29	Time: 90 Min.

RRB NTPC CBT I

1). KakatiyaRudreshwara (Ramappa) Temple, is located in the village of _____ in Telangana.

(a) Ankapur   **(b)** Pallikonda   **(c)** Aipoor

(d) Palampet

2). Slogan "Swaraj is my Birth right and shall have it" was given by

(a) Lala Lajpat Rai   **(b)** Bal Gangadhar Tilak

(c) Bipin Chandra Pal   **(d)** Dadabhai Naoroji

3). The Attorney General of India has the right of audience in

(a) The Supreme Court   **(b)** Any High Court

(c) Any Sessions Court

(d) Any Court of Law within India

4). What is National Income?

(a) Net National Product at market price

(b) Net National Product at factor cost

(c) Net Domestic Product at market price

(d) Net Domestic Product at factor cost

5). Where does Alaknanda River finally meets Ganga River?

(a) Vishnuprayag   **(b)** Karnaprayag

(c) Devprayag   **(d)** Satopanth

6). Which Government of India Act profoundly influenced the making of Indian Constitution?

(a) Government of India Act, 1909

(b) Government of India Act, 1919

(c) Government of India Act, 1935

(d) Government of India Act, 1947

7). Indian Parliament consists of

(a) Lok Sabha and Rajya Sabha

(b) Lok Sabha, Rajya Sabha and Prime Minister

(c) Speaker and Lok Sabha

(d) President and both the Houses of Parliament

8). Who led the Bardoli Satyagraha movement?

(a) Mahatma Gandhi   **(b)** Rabindra Nath Tagore

(c) Sardar Vallabhbhai Patel   **(d)** Chittaranjan Das

9). _____ is a decrease in the general price level of goods and services and the inflation rate falls below 0 %.

(a) Inflation   **(b)** Disinflation   **(c)** Deflation

(d) Stagflation

10). Decisive Battle of Wandiwash was fought by British East India Company against

(a) Dutch East India company

(b) Nizam of Hyderabad   **(c)** Maratha Confederacy

(d) French East India company

11). The Directive Principles of State Policy are mentioned in

(a) Part V   **(b)** Part IV   **(c)** Part VI   **(d)** Part VII

12). Service tax was started in India on the recommendation of which committee?

(a) Kelkar Committee   **(b)** Ashok Mehta Committee

(c) Dr. Raja Chelliah Committee

(d) Bimal Jalan Committee

13). Sangam age is associated with history of _____.

(a) North India   **(b)** South India   **(c)** East India

(d) West India

14). Ritalin medicine (drug) is commonly used for

(a) ADHD   **(b)** Dyscalculia   **(c)** Forgetting

(d) Sleeping

15). Fauna indicates for

(a) Plants   (b) Animals

(c) both plants and animals   (d) None of these

---

16). Which union territory has its own high court?

(a) Puducherry   (b) Chandigarh   (c) Delhi

(d) Daman and Diu

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17). The Emergency Provisions of Indian Constitution have been borrowed from:

(a) Germany   (b) Japan   (c) USSR   (d) U.S.A

---

18). Which of the following city has launched a new initiative called 'Beggar-free city'?

(a) Bangalore   (b) New Delhi   (c) Hyderabad

(d) Nagpur

---

19). Which Commission was appointed by the central government to examine issues related to Centre-State relations?

(a) Sarkaria Commission   (b) Mandal Commission

(c) Nanavati Commission   (d) Kothari Commission

---

20). Which Citizenship Act describes the provisions for the acquisition and termination of Indian citizenship?

(a) Citizenship Amendment Act, 2019

(b) Citizenship Amendment Act, 1986

(c) Citizenship Act, 1955

(d) Citizenship Amendment Act, 2003

---

21). Who among the following is also known as the founder of macroeconomics as a separate discipline?

(a) Adam Smith   (b) Fischer Black

(c) Robert Merton   (d) John Maynard Keynes

---

22). Which section of Indian Penal Code is related to theft?

(a) Section 304   (b) Section 378   (c) Section 406

(d) Section 498

---

23). Who appoints Judges of Supreme Court and High Court in India?

(a) Chief Justice of India   (b) President

(c) Prime Minister   (d) Law Minister

---

24). The short term financial instruments traded in the money market is commonly called

(a) Bonds   (b) Shares   (c) Notes

(d) Commercial Papers

---

25). Who is the only person who acted as Vice President, Acting President and President?

(a) V V Giri   (b) Sanjeeva Reddy

(c) APJ Abdul Kalam   (d) M Hidayatullah

---

26). Which amongst the following Ramsar wetland sites is/are located in Uttar Pradesh?

(a) Nawabganj Bird Sanctuary

(b) Samaspur Bird Sanctuary

(c) Parvati Arga Bird Sanctuary

(d) All of the above are located in Uttar Pradesh

---

27). Who led the Revolt of 1857 at Bareilly?

(a) General Bakht Khan   (b) Nana Saheb

(c) Khan Bahadur   (d) Shah Mal

---

28). Which of the following features of the Preamble of Constitution refers that No one should treat a fellow citizen as inferior?

(a) Justice   (b) Fraternity   (c) Liberty

(d) Equality

---

29). Who appoints the Chief Minister of State?

(a) Prime Minister   (b) President

(c) Chief Justice of India   (d) Governor

---

30). India shares its land boundaries with which countries in the east?

(a) Myanmar and Bangladesh

(b) China, Nepal and Bhutan

(c) Bhutan and Afghanistan

(d) Pakistan and Afghanistan

---

31). Highest institution of Panchayati raj is-

(a) Gram Sabha   (b) Zila Parishad

(c) Panchayat Samiti   (d) Municipal corporation

---

32). The world wide web was invented in the year _____.

(a) 1985   (b) 1989   (c) 1987   (d) 1982

33). Which of the following organisations was founded by GK Gokhale for famine relief and tribal well-being?

(a) The Servants of India Society

(b) Nishkam Karma Math   **(c)** Bharat Stri Mandal

(d) Sewa Samiti

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34). The least productive ecosystem is

(a) Ocean   **(b)** Desert   **(c)** Forests   **(d)** Grassland

---

35). Indian Space Research Organization (ISRO) will establish a world-class manned space flight centre for manned missions at

(a) Challakere   **(b)** Hyderabad   **(c)** Bhopal

(d) Sriharikota

---

36). Union Road and Transport Minister Nitin Gadkari unveiled the first methanol-run buses in which city?

(a) Bangalore   **(b)** New Delhi   **(c)** Hyderabad

(d) Ahmedabad

---

37). Tianwen-1 space probe of which country sent back its first image of Mars in February month?

(a) China   **(b)** South Korea   **(c)** Japan

(d) North Korea

---

38). Where is the headquarter of 'Organization of Petroleum Exporting Countries (OPEC)' situated?

(a) Vienna, Austria   **(b)** Geneva, Switzerland

(c) Paris, France   **(d)** London, United Kingdom

---

39). Flipkart has partnered with which State to bring local artisans and small and medium businesses into the e-commerce fold?

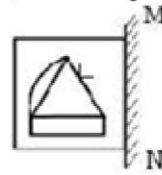**(a)** Maharashtra   **(b)** Gujarat   **(c)** Odisha

(d) Telangana

---

40). To which state, is "KALIA scheme" related to?

(a) Uttar Pradesh   **(b)** Odisha   **(c)** West Bengal
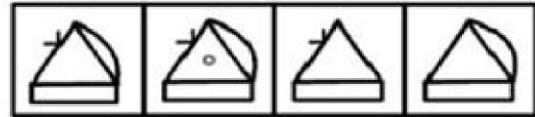
(d) Bihar

---

41). If a mirror is placed on the line MN, then which of the answer figures is the correct image of the given question figure?

Question Figure:

Answer Figures:

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

(a) (a)   **(b)** (b)   **(c)** (c)   **(d)** (d)

---

42). How many such pairs of letters are there in the word 'FREQUENT', each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series?

(a) None   **(b)** One   **(c)** Two   **(d)** Three

---

43). In how many different ways, can the letters of the word 'TROUBLE' be arranged?

(a) 840   **(b)** 5040   **(c)** 1260   **(d)** 2520

---

44). Directions: In each of the following questions two statements are given followed .by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any follow from the given statements. Indicate your answer.
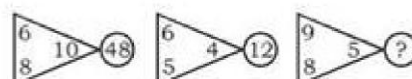
Statements:
1. All students in my class are intelligent.
2. Sunil is not intelligent.
Conclusions:
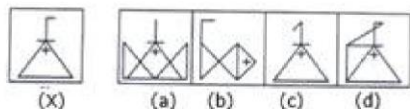I. Sunil is not a student of my class.
II. Sunil must work hard.

(a) Neither conclusion I nor II follows

(b) Only conclusion I follows

(c) Only conclusion II follows

(d) Both conclusions I and II follow

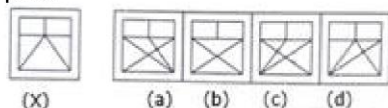**45).** In the following question, select the missing number from the given responses.

(a) 24   (b) 32   (c) 36   (d) 28

---

46). In each of the following questions, figure (X) are given followed by four alternative figures (a), (b), (c) and (d) such that figure (X) is embedded in one of them. Trace out the alternative figure which contains figure (X) as its part.

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

(d) Figure (d)

---

47). In each of the following questions, figure (X) are given followed by four alternative figures (a), (b), (c) and (d) such that figure (X) is embedded in one of them. Trace out the alternative figure which contains figure (X) as its part.

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

(d) Figure (d)

---

48). In the following questions, two statements are given followed by four conclusions I, II, III and IV. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions, if any, follow from the given statements. Indicate your answer.
Statements:
1) All stones are men.
2) All men are tigers
Conclusions:
I. All stones are tigers.
II. All tigers are stones.
III. All men are stones.
IV. Some tigers are stones.

(a) Only conclusions II and III follow

(b) Only conclusions I and IV follow

(c) All conclusions follow

(d) Conclusions I, II and IV follow

---

49). Sunita leaves from her home. She walks 30 m in North-west direction and then 30 m in South-west direction. Next, she walks 30 m in South-east direction. Finally she turns 90 degreee in the anticlockwise direction, towards her house. In which direction is she moving?

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

(d) Data inadequate

---

50). Direction: Given below are two quantities named I and II. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of Mathematics to choose among the possible answers.

A team of five players is to be formed out of 5 Seniors, 3 Juniors and 2 Kids
Quantity I: The number of ways, the committee can be formed which consists of 2 seniors, 2 juniors and 1 kid
Quantity II: The number of ways, the committee can be formed which consists of any five players

(a) Quantity I > Quantity II

(b) Quantity I < Quantity II

(c) Quantity I ≥ Quantity II

(d) Quantity I ≤ Quantity II

---

51). The positions of the first and the sixth letters of the word BHOPAL are interchanged; similarly, the positions of the second and fifth letters; and the third and fourth letters are interchanged. In the new arrangement thus formed, how many English alphabets are there between the second letter from the right and second letter from the left end?

(a) None   (b) 2   (c) 4   (d) 6

---

52). A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
ZD, IN, SY, DK,?

(a) PX   (b) XP   (c) QX   (d) OX

---

53). Rohan is to the east of Palak. Rohan is to the north of Ajay. Ajay is to the west of Deepak. Deepak is in which direction with respect to Palak?
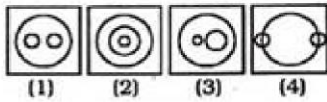
(a) North-East   (b) South-East   (c) North-West

(d) South-West

---

54). Point G is in the north-west direction of Point H at a distance of 13m. Point H is in the north-east direction of Point I at a distance of 13m. Point I is in the north-west direction of Point J at a distance of 13m. Point J is in the south direction of Point K at a distance of 5m. How far and in which direction is Point I with respect to K?

(a) 15m, East   (b) 12m, West   (c) 17m, North

(d) 11m, South-East

55). Which one of the following diagrams best depicts the relationship among Nation, States and Districts?

Nation, States, Districts

(a) 1   **(b)** 2   **(c)** 3   **(d)** 4

56). If the day before yesterday was Friday, what will be the third day after the day-after-tomorrow?
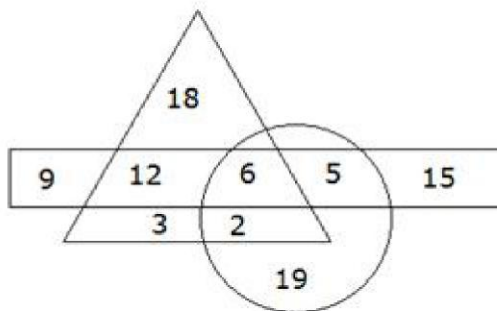
(a) Thursday   **(b)** Sunday   **(c)** Saturday

(d) Friday

57). In a committee, 50 people speak Hindi, 20 speak English and 10 speak both Hindi and English. How many speak at least one of these two languages?

(a) 60   **(b)** 20   **(c)** 30   **(d)** 10

58). In the following diagram, the rectangle represents teachers, the triangle represents singers and the circle represents Politicians.

The number in different segments show the number of persons.

According to the given diagram, how many teachers are singers but not politicians?

(a) 5   **(b)** 6   **(c)** 12   **(d)** 3

59). Select the word-pair in which the two words are related in the same way as are the two words in the following word. Pair. (in the same order).
Council : Ministers

(a) Band : Musicians   **(b)** Team : Umpire

(c) Student : Teacher   **(d)** King : Palace

60). If DON is coded as 345 and ROAM is coded as 6412, then how will RANDOM be coded?

(a) 651342   **(b)** 615342   **(c)** 613542   **(d)** 615324

61). Which letter will replace the question mark (?) in the following series?
D, J, ?, S, V, X

(a) P   **(b)** O   **(c)** M   **(d)** Q

62). An interviewer interviewed 100 students to determine their preferences for the three drinks: A , B and C. He reported that 10 students had all the three drinks A,B and C ; 20 had A and B ; 30 had B and C ; 25 had A and C ; 12 had A only ; 5 had B only; 8 had C only. Then how many did not take any of the three drinks?

(a) 80   **(b)** 20   **(c)** 50   **(d)** 55

63). A, B, C, D, E, F, G and H are sitting around a circular table facing towards centre. H is on the immediate left of A but is not neighbor of D or E. F is on immediate right of B. C is between E and F, G is neighbor of E. Who is between A and B?

(a) D   **(b)** F   **(c)** G   **(d)** H

64). Study the given pattern carefully and select the number that can replace the question mark (?) in it.

42	37	?
18	24	36
252	296	540

(a) 40   **(b)** 45   **(c)** 55   **(d)** 50

65). In a certain code language, 'FOX' is coded as '108' and 'SOUP' is coded as '148'. How will 'UPSIDE' coded as in that language?
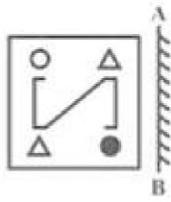
(a) 494   **(b)** 385   **(c)** 590   **(d)** 528

66). A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

67). If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?

(a)   **(b)**

(c)   **(d)**

68). Which of the following option figure will complete the pattern in the figure given below?
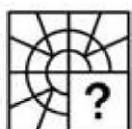

(a)   **(b)**   **(c)**

(d)

69). There are 5 members in a family A, B, C, D, E. A is elder than C and D. B's age is between A and C but E is the youngest. D is not elder than B and C. Who is the second elder member in the family?

(a) D   **(b)** A   **(c)** B   **(d)** C

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

(a)   **(b)**   **(c)**

(d)

71). The proportion of acid and water in the three samples is 2 : 1, 3 : 2 and 5 : 3. A mixture containing equal quantities of all three samples is made. The ratio of acid and water in the mixture is

(a) 120 : 133   **(b)** 227 : 133   **(c)** 227 : 120
(d) 133 : 227

72). L.C.M of two numbers is 495 and their H.C.F is 5. If both are two digit numbers then what is their difference?

(a) 99   **(b)** 55   **(c)** 10   **(d)** 20

73). If we divide x by 10, 15, 18 and 25 get remainders 4, 9, 12 and 19 respectively then what is the lowest value of x?

(a) 425   **(b)** 444   **(c)** 450   **(d)** 900

74). The difference between simple and compound interests compounded annually on a certain sum of money for 2 years at 6% per annum is Rs. 180. Find the sum.

(a) Rs. 27,000   **(b)** Rs. 36,000   **(c)** Rs. 50,000
(d) Rs. 53,000

75). A shopkeeper gives three successive discounts of 25%, 10% and 5% on the marked price. What would be the net discount on an article marked at Rs. 600?

(a) Rs. 205.25   **(b)** Rs. 210.75   **(c)** Rs. 220.75
(d) Rs. 215.25

76). A train passing a man standing on the platform. The length of the train is 900 m and its speed is 108 km/hr. How long will it take to cross a man?

(a) 20 sec   **(b)** 40 sec   **(c)** 25 sec   **(d)** 30 sec

77). In party there are a total of 120 hugs. If all the persons hugs with every other person, then find

the number of person present in the party.

(a) 15   (b) 16   (c) 17   (d) 18

---

78). What is the least possible number, which when divided by 18, 35 and 42, leaves 2, 19 and 26 as the remainder, respectively?

(a) 714   (b) 614   (c) 876   (d) 978

---

79). Find the value of ? in the given equation:
$468 - 28 \times 558 \div 18 + 4000 = (?)^2$

(a) 60   (b) 67   (c) 65   (d) 62

---

80). Which of the following is TRUE?

I. $\sqrt[3]{11} > \sqrt{7} > \sqrt[4]{45}$

II. $\sqrt{7} > \sqrt[3]{11} > \sqrt[4]{45}$

III. $\sqrt{7} > \sqrt[4]{45} > \sqrt[3]{11}$

IV. $\sqrt[4]{45} > \sqrt{7} > \sqrt[3]{11}$

(a) Only I   (b) Only II   (c) Only III   (d) Only IV

---

81). A student who gets 20% of the marks failed by 10 marks in an exam. Another student of the same class in that exam score 30% of the maximum marks and gets 20 marks more than the pass marks. The required percentage for passing in the exam is

(a) 22 %   (b) 23.33 %   (c) 33 %   (d) 28 %

---

82). Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers is:

(a) 2:5   (b) 3:5   (c) 4:5   (d) 6:7

---

83). In what ratio must merchant mix two varieties of oils worth Rs. 60/kg and Rs. 65/kg, so that by selling the mixture at Rs. 68.20/kg, he may gain 10%?

(a) 2:3   (b) 4:3   (c) 3:5   (d) 3:2

---

84). In a 40-liter mixture of alcohol & water, the ratio of alcohol and water is 5: 3. If 20% of this mixture is taken out and the same amount of water is added then what will be the ratio of alcohol and water in final mixture?

(a) 1:1   (b) 2:1   (c) 3:1   (d) 1:2

---

85). A, B and C can do a piece of work in 20, 30 and 15 days, respectively. They began the work

together but A left 4 days before completion of the work. In how many days, was the work done?

(a) 10 days   (b) 8 days   (c) 12 days   (d) 7 days

---

86). A group of 20 girls has an average age of 12 years. Average age of first 12 from the same group is 13 years while the average age of last 9 from same group is 10.5. Find the age of 12th girl.

(a) 12 years   (b) 10 years   (c) 10.5 years

(d) 9 years

---

87). A sum of Rs. 12000 is compounded annually at the rate of 7% for the 1st year and at 10% for the 2nd. What will be the amount after 2 years?

(a) Rs. 12414   (b) Rs. 14214   (c) Rs. 14412

(d) Rs. 14124

---

88). The average age of five students is 25 year. If a teacher'age is included, the average age becomes 27 years. Find the age of the teacher.

(a) 32 years   (b) 35 years   (c) 37 years

(d) 40 years

---

89). Two bags A and B contain different colours of balls. In bag A, there are 2 red balls, 3 green balls and 5 white balls while bag B contain 4 red balls, 'x' green balls and 3 white balls. If the probability of drawing one white ball from bag A is 1/6 more than the probability of drawing one red ball from bag B, then find the value of 'x'

(a) 4   (b) 6   (c) 5   (d) 7

---

90). If 20% of a number is 64, then find 35% of that number:

(a) 91   (b) 126   (c) 105   (d) 112

---

91). Two persons X & Y can complete a work in 40 days. They start work together & after 18 days Y left then the whole work is completed in 45 days. In how many days, Y alone can finish the whole work?

(a) 196 days   (b) 216 days   (c) 180 days

(d) 150 days

---

92). Find the No. of Prime Factor $(30)^{15} \times (22)^{11} \times (15)^{24}$

(a) 110   **(b)** 115   **(c)** 120   **(d)** 125

---

93). Find the No. of Prime Factor of 240:

(a) 4   **(b)** 5   **(c)** 6   **(d)** 8

---

94). The sum of three numbers is 777. The ratio between first two numbers is 7:9 and between second and third number is 3:7. Find the second number:

(a) 252   **(b)** 147   **(c)** 63   **(d)** 189

---

95). If $a^3 - b^3 = 208$ and $a - b = 8$, then $(a + b)^2 - ab$ is equal to:

(a) 42   **(b)** 52   **(c)** 26   **(d)** 38

---

96). If $a^3 + b^3 = 1344$ and $a + b = 28$, then $(a + b)^2 - 3ab$ is equal to:

(a) 24   **(b)** 16   **(c)** 32   **(d)** 48

97). The marked price of an article is Rs.250. After allowing two successive discounts of 20% and x% on the marked price, it is sold for Rs. 185.60. What is the value of x?

(a) 8.4%   **(b)** 7.6%   **(c)** 6.8%   **(d)** 7.2%

---

98). Find out the unit digit in the following expression $4^1 \times 4^7 \times 5^3 \times 6^9 \times 8^3$.

(a) 0   **(b)** 9   **(c)** 3   **(d)** 1

---

99). Out of 504 students in a school, ratio between girls and boys is 11:13. If 12 new girls took admission then the new ratio is

(a) 31 : 51   **(b)** 91 : 81   **(c)** 81 : 91   **(d)** 51 : 31

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100). Choose the correct factor of $f(x) = 2x^2 - 5x + 2$.

(a) x -2   **(b)** x -3   **(c)** x -4   **(d)** x -5