



RRB MULTITASKING OFFICER PRACTICE SET - 02

1. (3) Ice melts to give water and water can be turned back into ice.
2. (3) In the game of cricket, the two sets of wickets are 22 yards apart.
3. (1) The soil formed in dry region of Rajasthan is called Desert soil. Jowar, bajra, maize, gram, wheat, oilseeds, cotton, sugarcane and tobacco are the main crops of Rajasthan.
4. (1) Abdul Ghaffar Khan was conferred Bharat Ratna in 1987.
5. (3) Rabindranath Tagore was awarded Nobel Prize for Literature in 1913 for 'Geetanjali'.
6. (3) 'The Three Musketeers' was authored by Alexandre Dumas. It was first published in the newspaper 'Le Siecle' as series of articles between March and July 1844.
7. (4) The new administrative capital of Myanmar is a planned city named Nay Pyi Taw (Pyinmana). The former Capital Yangon (Rangoon) is the largest city and the economic centre.
8. (4) Susruta (4th century AD) was an Indian surgeon. He is considered as the 'Father of Modern Plastic Surgery'. He devised an artificial nose, diagnosed cataract and described hernia and medicinal value of garlic. He wrote treatises on medicine and surgery.
9. (2) Seema Biswas played the role of Phoolan Devi. The film was directed by Shekhar Kapoor.
10. (3) Dr. Duvvari Subbarao is the Governor of Reserve Bank of India since September 2008.
11. (4) Ketan Mehta directed the film 'Sardar'.
12. (1) Bankim Chandra Chatterjee (Chattopadhyaya) had written 'Anandmath'.
13. (2) Sharad Pawar of Nationalist Congress Party is currently Union Agriculture Minister.
14. (3) Bengaluru is referred to as the Silicon Valley of India.
15. (2) The Indian financial year begins on April 1 and ends on March 31 of the next year.
16. (1) Commonwealth Games 2010 were organised in New Delhi from October 3 to October 14, 2010.
17. (2) Nautanki — Uttar Pradesh
Garba — Gujarat
Kathakali — Kerala
Bhangra — Punjab
18. (4) 'Rag Darbari' is the creation of Shri Lal Shukla.
19. (4) Bar is the unit of Atmospheric Pressure. One Bar is equal to a pressure of 10^6 dynes per square cm.
20. (4) All of the above
21. (2) Chief Minister of Madhya Pradesh Shivraj Singh Chauhan launched the air taxi service at Raja Bhoj airport in Bhopal on September 7, 2011. The first flight of this service was bound to Gwalior.
22. (1) The Ministry of Overseas Indian Affairs has set up the Indian Community Welfare Fund (ICWF). It became operational on March 24, 2011 in the Indian missions in all the countries.
23. (1) The director of film 'Aarakhhan' is Prakash Jha. The main actors of the film are Amitabh Bachchan, Manoj Bajpayce, Saif Ali Khan and Deepika Padukone.
24. (1) Isha Khan was a brave noble under Sher Shah Suri, who established the rule of Suri dynasty in Delhi. The tomb of Isha Khan was built in 1547. It is octagonal in shape with fine details.
25. (2) The Rath Yatra in honour of Lord Jagannath is organised every year.
26. (4) The capital of Karnataka, Bangalore is known as the 'Garden City of India'.
27. (3) Pondicherry (Puducherry) was the chief French settlement in India. It was transferred to India on November 1, 1954.
28. (2) Calcutta High Court has the jurisdiction over Andaman and Nicobar Islands.
29. (3) Sahitya Akademi is the Indian National Academy of Letters meant to promote the cause of Indian literature. The Akademi was founded in March 1954 as an autonomous body fully funded by the Department of Culture. It was registered as a society in 1956. Besides its head office in New Delhi, it has four offices in Kolkata, Mumbai, Bangalore and Chennai.
30. (3) Subhash Chandra Bose started the greeting 'Jai Hind'.
31. (2) Thumba is known for the rocket launching station.
32. (3) A light year is the distance light travels in one mean solar year, at a speed of 1,86,000 miles per second. It is equal to 5,880,000,000,000 miles. It is used as a unit for measuring stellar distances.

33. (2) The capital of India was transferred from Calcutta to Delhi in 1911.
34. (4) Mt. St. Helen is an active stratovolcano located in Skamania in the Pacific northwest region of the United States.
35. (1) Blaze Pascal is associated with calculating machine.
36. (4) Article 21 of the Constitution of India stipulates that "No person shall be deprived of his life or personal liberty except according to the procedure established by law.
37. (2) Fort St. George was established in Madras in 1644.
38. (4) There are 28 States in India.
39. (1) Gyatri Mantra is dedicated to the Sun.
40. (1) Amir Khusro (1253 - 1325) was a Persian scholar, courtier, saint and master of music. He invented Sahatara (Sitar).
41. (3) Victoria Beckham
42. (3) **State — Density of Population (2011)**
- | | |
|-------------------|-------|
| Himachal Pradesh | — 123 |
| Meghalaya | — 132 |
| Arunachal Pradesh | — 17 |
| Sikkim | — 86 |
43. (4) Rabindranath Tagore had composed the National Anthems of India, Bangladesh and Sri Lanka.
44. (1) 'The Sacred Books of East Series' comprising fifty volumes, was released by the Oxford University Press between 1879 and 1910. The series was edited by Max Mueller.
45. (2) Kautilya was the author of 'Arthashastra'. It is a political treatise.
46. (2) CK Nayudu led the Indian cricket team in four matches in 1932 - 34.
47. (1) Akbar introduced the custom of Jharokha Darshan.
48. (2) Chennai (Madras) was not affected.
49. (3) The deficiency of Vitamin 'A' causes nightblindness.

50. (4) Gol Gumbaz, Bijapur is in Karnataka. It was built by Muhammad Adil Shah in 1656. Its diameter is 124 feet and it has a floor area of 1700 square metre.
51. (4) Amir Khusro adorned the courts of several Delhi Sultans including Moiz-ud-din Kaiqubad, Jalal-ud-din Khilji, Alauddin Khilji, Qutab-ud-din Mubarak Shah and Ghiyas-ud-din Tughlag.
52. (2) The Union Council of Ministers is collectively responsible to Lok Sabha.
53. (1) La Vie d' Adele
54. (4) The tenth Guru of Sikh, Guru Gobind Singh founded 'Khalsa Army'.
55. (3) Allahabad (the ancient city Prayag) in Uttar Pradesh.
56. (3) Located in South east Asia, Indonesia is a group of 17, 508 islands off the coast of mainland.
57. (2) Serena Williams
58. (1) BrahMos
59. (1) The Madhya Pradesh Government launched 'Panch Parmeshwar Scheme' on January 9, 2012.
60. (1) D is father of C and C is mother of A and B. Therefore, D is grandfather of B.
61. (2) Mr. A is brother-in-law of Mr. B.
62. (3) Red Fort is situated in New Delhi, India. Eiffel Tower is situated in Paris, France.
63. (4) The young one of sheep is called lamb. Similarly, the young one of butterfly is called caterpillar.
64. (1) $41 \boxed{32} \rightarrow \boxed{32}$
The last two digits
- Similarly
- 71 $\boxed{89} \rightarrow \boxed{89}$
65. (2) $1120 \times 3 = 3360$
Similarly, $1203 \times 3 = 3609$
66. (3) $6503 - 500 = 6003$
 $7615 - 500 = 7115$
 $8886 - 500 = 8386$
67. (1) $43 \xrightarrow{+1} 44$
 $B \xrightarrow{+2} D$
 $C \xrightarrow{+2} E$
 $56 \xrightarrow{+1} 57$
 $L \xrightarrow{+2} N$
 $M \xrightarrow{+2} O$

Similarly,

$$\begin{array}{l} 62 \xrightarrow{+1} 63 \\ P \xrightarrow{+2} R \\ Q \xrightarrow{+2} S \end{array}$$

68. (2) $A \xrightarrow{+2} C$
 $45 \xrightarrow{+2} 54$ (Reverse)
 $P \xrightarrow{+2} R$
 $89 \xrightarrow{+2} 98$

Similarly,

$$\begin{array}{l} J \xrightarrow{+2} L \\ 72 \xrightarrow{+2} 74 \end{array}$$

69. (4) $B \xrightarrow{+1} C$
 $992 \xrightarrow{+1} 993$

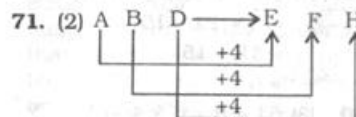
Similarly,

$$\begin{array}{l} P \xrightarrow{+1} Q \\ 643 \xrightarrow{+2} 644 \end{array}$$

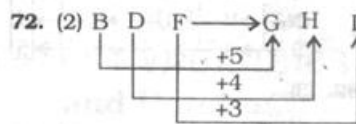
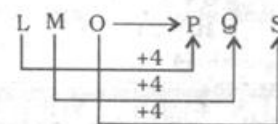
70. (2) $A \xrightarrow{+3} D$
 $B \xrightarrow{+3} E$
 $C \xrightarrow{+3} F$
 $29 \xrightarrow{-1} 28$

Similarly,

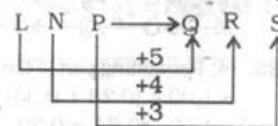
$$\begin{array}{l} P \xrightarrow{+3} S \\ Q \xrightarrow{+3} T \\ R \xrightarrow{+3} U \\ 48 \xrightarrow{-1} 47 \end{array}$$



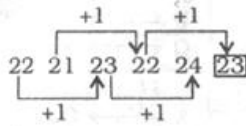
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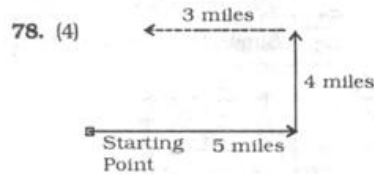
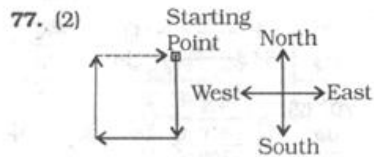
73. (3) There are two alternating series



74. (4) $5.2 \quad 4.8 \quad 4.4 \quad 4 \quad 3.6$
 $\quad \quad \quad \uparrow \quad \quad \uparrow \quad \quad \uparrow \quad \quad \uparrow$
 $\quad \quad \quad -0.4 \quad -0.4 \quad -0.4 \quad -0.4$

75. (4) $\boxed{5} \quad \boxed{4} \quad \boxed{7}$
 $234 \quad 234 \quad 2547 \quad 32 \quad 431 \quad 92$
 $547 \quad 547 \quad 234 \quad 529 \quad \boxed{546}$

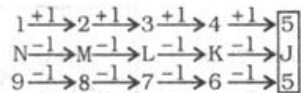
76. (1) $789 > 785 > 723 > \boxed{713} >$
 $689 > 659 > 595$



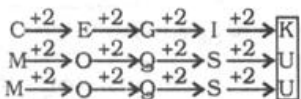
79. (4) $12 \div 4 + 12 - 5 \times 3$
 $= 3 + 12 - 15$
 $= 15 - 15$
 $= 0$

80. (3) $64 \div 8 - 6 \times 4 + 2$
 $= 8 - 24 + 2$
 $= 8 + 2 - 24$
 $= 10 - 24$
 $= -14$

81. (3)



82. (3)



83. (4) Remaining part of the window
 $= 1.00 - (0.28 + 0.33)$
 $= 1.00 - 0.61 = 0.39$

\therefore Percentage of the part of the window to be painted
 $= 0.39 \times 100 = 39\%$

84. (1) Suppose C gets = x

\therefore B gets = $\frac{x}{3}$ and A gets = $\frac{2x}{3}$

According to question

$$x + \frac{x}{3} + \frac{2x}{3} = 3000$$

$$\Rightarrow \frac{3x + x + 2x}{3} = 3000$$

$$\Rightarrow 6x = 3000 \times 3$$

$$\therefore x = \frac{3000 \times 3}{6} = \text{Rs. } 1500$$

$$\text{Amount of A} = \frac{2x}{3} = \frac{2 \times 1500}{3}$$

$$= \text{Rs. } 1000$$

85. (3) A = ₹ 4000

$$B = ₹ 4000$$

$$C = ₹ 2000$$

$$\therefore C : B : A = 200 : 400 : 400$$

$$= 2 : 4 : 4 = 1 : 2 : 2$$

86. (4) Suppose total income of person = Rs. x

$$\therefore \text{Expenditure on food} = \frac{x}{3}$$

$$\therefore \text{Expenditure on loan} = \frac{x}{2}$$

$$\therefore \text{Remaining Amount}$$

$$= ₹ 2000$$

\therefore According to question,

$$\frac{x}{3} + \frac{x}{2} + 2000 = x$$

$$= \frac{x}{1} - \frac{x}{3} - \frac{x}{2} = 2000$$

$$= \frac{6x - 2x - 3x}{6} = 2000$$

$$= \frac{6x - 5x}{6} = 2000$$

$$\therefore \frac{x}{6} = 2000$$

$$\therefore x = ₹ 2000 \times 6 = ₹ 12000$$

87. (1) Suppose the age of younger child is x years

\therefore According to question,

$$\Rightarrow 30 - x + 5 = 3(x + 5)$$

$$\Rightarrow 35 - x = 3x + 15$$

$$\Rightarrow 35 - 15 = 3x + x$$

$$= 20 = 4x$$

$$\therefore x = \frac{20}{4} = 5 \text{ years}$$

88. (2) Suppose the cost of one pen is x

$$\therefore \text{Cost of one book} = 2x$$

\therefore According to question,

$$15 \times x + 30 \times 2x = 825$$

$$\Rightarrow 15x + 60x = 825$$

$$\Rightarrow 75x = 825$$

$$\Rightarrow x = \frac{825}{75} = 11$$

$$\therefore \text{Cost of one pen} = ₹ 11$$

$$\therefore \text{Cost of one book} = 2x$$

$$= 2 \times 11 = ₹ 22$$

89. (1) Total ages of father and mother
 $= 2 \times 45 = 90$ years

Total ages of father, mother and daughter

$$= 3 \times 35 = 105 \text{ years}$$

$$\therefore \text{Age of the daughter}$$

$$= 105 - 90 = 15 \text{ years}$$

90. (4) $9.0990 \times 10^4 + 2 \times 10^3 + 1 \times 10^1 + 5 \times 10^0$

$$= 90990 + 2000 + 10 + 5$$

$$= 93005$$

91. (3)



Area of rectangular plate

$$= \text{Length} \times \text{Breadth}$$

$$= 48\text{cm} \times 12\text{cm} = 576\text{cm}^2$$

Area of one of the biggest squares

$$= 12\text{cm} \times 12\text{cm}$$

$$= 144\text{cm}^2$$

\therefore Number of square plates

$$= \frac{576\text{cm}^2}{144\text{cm}^2} = 4$$

92. (2) $\square - 48pq + 36q^2$

$$= (a - b)^2 - a^2 - 2ab + b^2$$

$$= (4p)^2 - 2 \times 4p \times 6q + (6q)^2$$

$$= 16p^2 - 2 \times 4p \times 6q + 36q^2$$

$$= (4p - 6q)^2$$

93. (1) $81x^2 - 72xy + \square$

$$(a - b)^2 = a^2 - 2ab + b^2$$

$$= (9x)^2 - 2 \times 9x \times 4y + (4y)^2$$

$$= 81x^2 - 72xy + 16y^2$$

94. (1) Principal = ₹ 20,000

Rate = 8%

Time = 3 months

$$= \frac{3}{12} = \frac{1}{4} \text{ years}$$

∴ Interest

$$= \frac{P \times T \times R}{100}$$

$$= \frac{20,000 \times 1 \times 8}{100 \times 4}$$

$$= ₹ 400$$

95. (3) Principal = ₹ 4000

SI = ₹ 400

Time = 2 years

$$\text{Rate} = \frac{I \times 100}{P \times T}$$

$$= \frac{400 \times 100}{4000 \times 2} = 5\%$$

96. (3) Suppose the marked price

= Rs. x

∴ Discount = 2000

∴ Discount % = 8%

∴ Discount

$$= \frac{\text{Discount}}{\text{Marked Price}} \times 100$$

$$8 = \frac{2000}{x} \times 100$$

$$\therefore 8x = 2000 \times 100$$

$$\therefore x = \frac{2000 \times 100}{88}$$

$$= ₹ 25,000$$

97. (1) SP = ₹ 1273

Discount = 5%

Suppose the marked price

= Rs. 100

$$\therefore \text{SP} = 100 - 5 = 95$$

Marked Price

$$= \frac{100 \times 1273}{95} = 20 \times 67$$

$$= ₹ 1340$$

98. (2) $2^4 \times 3^4 \times 8^4 \div (2 \times 3 \times 8)^3$

$$= (2 \times 3 \times 8)^4 \div (48)^3$$

$$= (48)^4 \div (48)^3$$

$$= \frac{48 \times 48 \times 48 \times 48}{48 \times 48 \times 48} = 48$$

99. (2) $100\text{cm}^2 = \frac{100}{100 \times 100} \text{m}^2$

Volume of Cylinder = Area of Cross Section \times H

$$\frac{50}{1000} = \frac{100}{100 \times 100} \times H$$

$$\therefore H = \frac{50 \times 100}{1000} = 5\text{m.}$$

100. (1) Suppose the breadth of rectangle is x cm

∴ Length = $2x$ cm

According to question

$$2(x + 2x) = 360\text{cm}$$

$$\Rightarrow 6x = 360$$

$$\therefore x = \frac{360}{6} = 60\text{ cm}$$

Breadth = 60 cm

∴ Length = $60 \times 2 = 120$ cm

∴ Area of Rectangle

= Length \times Breadth

$$= (120 \times 60) \text{ sq. cm}$$

$$= 7200 \text{ sq. cm}$$

101. (2) The subject of the sentence 'Hostility' is singular.

Hence, Hostility between the two groups has... will be a correct sentence.

102. (2) Replace group of words 'with many different' by 'with different/of different'.

103. (1) The word 'people' is a Plural Noun. Hence, 'Many people were' will be a correct usage.

104. (3) I don't like being kept waiting.

105. (2) Have you ever been bitten by a dog?

106. (1) You will be asked a lot of questions at the interview.

107. (4) We gave our colleague a gift when she retired.

108. (2) SRQP

109. (1) QPSR

110. (3) QPSR

111. (1) for

112. (4) crumbling

113. (2) The word **Benevolent (Adjective)** is used in different senses, viz., caring, compassionate, considerate, generous, goodwill, humane, kind, liberal etc.

The proper meaning of **Benevolent**, therefore, should be **Charitable** which is given in option (2).

For example,

(i) Though he is a despot, he is **benevolent** in his acts.

(ii) Everybody likes him for his **benevolent** acts.

114. (1) The word **Acumen (Noun)** is used in different senses, viz., astuteness, cleverness, discernment, discrimination, ingenuity, insight, intelligence, intuition, judgement, keenness, penetration, perception, quickness, sense, sharpness, shrewdness, wisdom, wit etc. Therefore, the proper meaning of **Acumen** would be **Intelligence** which is given in option (1).

115. (3) The word **Confiscate (Verb)** bears several meanings such as, appropriate, command, impound, remove, seize, sequester etc. The suitable meaning of **Confiscate** would be, therefore, "to seize by authority".

116. (1) The word **Validate** is used in different senses, viz., attest, authenticate, authorise, certify, confirm, corroborate, endorse, legalise, ratify, substantiate, underwrite etc.

Therefore, its proper antonym would be **Disprove**.

117. (2) The meanings of the word **Segregate** are cut off, discriminate, against, dissociate, isolate, quarantine, separation etc. Therefore, its antonym would be **unite**.

118. (1) The word **Flamboyant (Adjective)** is used in different senses, viz., brilliant, colourful, dazzling, elaborate, exciting, extravagant, flashy, florid, gaudy, ostentatious, rich, show, striking, stylish etc. Therefore, we can select **quiet** as its antonym.

119. (3) The correct spelling is 'man-**ageable**'.

120. (3) The correct spelling is 'libel-**ious**'.