

# Post Office Paper - 2014

## PART-A (GENERAL KNOWLEDGE)

1. Which one of the following minerals is contained in Monazite sand of Kerala?  
(1) Uranium (2) Thorium (3) Copper (4) Petroleum
2. The largest sugarcane producing country in the world is:  
(1) India (2) Brazil (3) China (4) USA
3. This refers amount that the commercial banks require to maintain in the form of gold or government approved securities before providing credit to customers:  
(1) Statutory Liquidity Ratio (2) Cash Reserved Ratio  
(3) Reverse Repo Rate (4) Bank Rate
4. .... is NOT a Central Government tax.  
(1) Income Tax (2) Custom Duty  
(3) Entertainment Tax (4) Service Tax
5. How many countries delegates will visit India to have first hand experience of Lok-Sabha Election 2014, under the 'Election Visitors Programme 2014', launched by election commission of India:  
(1) 20 (2) 50 (3) 100  
(4) None of the above is true
6. Largest Solar Power Plant of India was recently launched in the state of:  
(1) Rajasthan (2) Madhya Pradesh  
(3) Uttar Pradesh (4) None of these
7. 2014 Ranji Trophy was won by:  
(1) Uttar Pradesh (2) Maharashtra  
(3) Karnataka (4) West Bengal
8. International Mother Earth day was observed across the world on:  
(1) 20<sup>th</sup> April, 2014 (2) 21<sup>st</sup> April, 2014  
(3) 22<sup>nd</sup> April, 2014 (4) 24<sup>th</sup> April, 2014
9. Who is the leader of the house presently in Rajya Sabha:  
(1) Arun Jaitley (2) Manmohan Singh  
(3) Kariya Munda (4) P.J. Kurien
10. In an economy, the sectors are classified into public and private on the basis of  
(1) Employment conditions (2) Nature of economic Activities  
(3) Ownership of enterprises (4) Use of raw materials
11. Who amongst the following is not a Laws Tennis Player?  
(1) Rafael Nadal (2) Roger Federer  
(3) Tiger Woods (4) Serena Williams
12. The three R's which can help us to conserve natural resource for long term use are?  
(1) Recycle, Regenerate, Reuse (2) Reduce, Regenerate, Reuse  
(3) Reduce, Reuse, Redistribute (4) Reduce, Recycle, Reuse
13. The river water is polluted with acidic wastes if pH of water is:  
(1) Below 7 (2) Above 7 (3) Equal to 7 (4) Any one of these
14. How many ergs are there in 1 Joule:  
(1)  $10^2$  (2)  $10^4$  (3)  $10^6$  (4)  $10^7$
15. President of International Olympic Committee:  
(1) Barack Obama (2) Jacques Rogge  
(3) Thomas Bach (4) None of these
16. Which bone is the largest bone in human body  
(1) Femur (2) Humerus (3) Tibia (4) Radius
17. Who is responsible to collect the service Tax?  
(1) Income Tax Department (2) Postal Department  
(3) Central Excise Department  
(4) Commercial Tax Department of the State/Union Territory
18. Surface tension has the units of  
(1) Newton/m<sup>2</sup> (2) Newton/m<sup>3</sup> (3) Newton-m (4) Newton/m
19. When the office of the Chief Justice of India is vacant or when the chief justice is by reason of absence or otherwise unable to perform the duties of his office, Who shall have the authority to appoint acting chief justice as per Article 126 the constitution of India?  
(1) The Registrar General of supreme Court  
(2) The President of India  
(3) Automatic appointment of the Senior most Judge of the supreme Court as acting chief Justice  
(4) The Attorney General of India
20. "The State shall endeavour to provide early childhood care and education of all children until they complete the age of six years". This is a provision under:  
(1) Article 21A of the constitution of India relating to fundamental right enumerated in part III.  
(2) Article 51A relating to Fundamental duties enumerated in part IV A of The Constitution of India  
(3) Article 45 relating to directive principles of state policy enumerated in part IV of the constitution of India  
(4) Article 38 of the directive principles of State policy to secure a social order for the promotion of welfare of the people
21. If any question arises as to whether a member of Parliament has become subject to any disqualifications mentioned in clause (1) of article 102, the question shall be referred for decision to the ..... and decision of the ..... shall be final:  
(1) Speaker of the house (2) Supreme Court of India  
(3) Election Commission of India (4) President of India
22. Amoghavarsha was famous:  
(1) Chalukyan King (2) Pallava King  
(3) Rastrakuta King (4) Satavahana King
23. "Do or Die" is associated with the following movement:  
(1) Dandi (2) Non Cooperation  
(3) Khilafat (4) Quit India
24. Find the odd one out on the basis of origin of Resources:  
(1) Flora and Fauna (2) Human Beings  
(3) Rocks and Metals (4) Fisheries
25. Shortest day in the Northern hemisphere:  
(1) June 21 (2) December 22  
(3) December 21 (4) June 18

**PART-B**  
**(MATHEMATICS)**

26. Two trains cross each other in 1 minute moving in the same direction at the speeds of 40 km/hr. and 22 km/hr respectively. If the length of the first train is 125 metres, Find the length of the second train?  
 (1) 250 metres (2) 300 metres (3) 175 metres (4) None of these
27. An amount of money is to be divided among Anju, Manju and Ranju in such a way that Ranju gets ₹ 5000 more than Anju's amount and Manju gets ₹ 2000 less than Ranju's amount. What is the ratio between the amount of Anju and Manju respectively?  
 (1) 2 : 3 (2) 3 : 5  
 (3) Data inadequate (4) None of these
28. By selling an item for ₹ 640 shopkeeper makes a loss of 20%. By what percent should he increase his selling price so as to make a profit of 10%?  
 (1) 35% (2) 36.75% (3) 37.5% (4) 35.25%
29. If the perimeter of a semicircle is 72 cm, what will be the area of that semicircle?  
 (1) 300 sq. cm (2) 308 sq. cm (3) 106 sq. cm (4) None of these
30. Rakesh purchased a wrist watch with a 20% discount on the labelled price. He sold it with 15% profit on the labelled price. What was his percent profit on the original cost price?  
 (1) 43.5% (2) 35% (3) 43.75% (4) 45%
31. A rational number between  $\frac{1}{2}$  and  $\frac{3}{5}$  is:  
 (1)  $\frac{2}{3}$  (2)  $\frac{2}{5}$  (3)  $\frac{4}{7}$  (4) None of these
32. Anuj, Vikram and Sameer alone can complete a work in 20 days, 30 days and 60 days respectively. Anuj works alone, however on every third day, he takes the help of Vikram and Sameer. In how many days will the work be completed?  
 (1) 25 days (2) 15 days (3) 18 days (4) 21 days
33. The average age of 40 students of a class is 15 years. When 10 new students are admitted, the average age is increased by 0.2 years. The average age of new students is:  
 (1) 16.4 years (2) 16.2 years (3) 16 years (4) None of these
34. Weekly incomes of Sohan and Surendra are in the ratio of 7 : 3 and their weekly expenses are in the ratio of 5 : 2. If each of them saves ₹ 300 per week, then the weekly income of Sohan is.... :  
 (1) ₹ 5300 (2) ₹ 3600 (3) ₹ 6300 (4) None of these
35. A shopkeeper marks his goods 30% above the cost price but allows a 10% discount for cash payment. What profit does he really make?  
 (1) 13% (2) 17% (3) 20% (4) 21%
36. The average of three numbers is 135. The largest number is 195 and the difference between the other two is 20. The smallest number is:  
 (1) 85 (2) 95 (3) 115 (4) 105
37. A motor can complete a journey in 12 hours, the first half at the speed of 22 km/hr. and the second half at the speed of 26 km/hr. Find the distance?  
 (1) 188 km (2) 286 km (3) 350 km (4) None of these
38. The length and breadth of a rectangle are increased by 20% and 25% respectively. The increase in the area of the resulting rectangle will be:  
 (1) 25% (2) 40% (3) 45% (4) 50%
39. While finding the average of 10 given numbers, a student by mistake, wrote 64 in place of 46 and got his average 50. The correct average of the given number is:
- (1) 46 (2) 47.6 (3) 48.2 (4) None of these
40. Raghav's wages were reduced by 50%. Again the reduced wages increased by 50%. What is his loss?  
 (1) 30% (2) 35% (3) 25% (4) 40%
41. Beena can do a piece of work in 40 days. She works at it for 8 days and then Sangeeta finished it in 16 days. How long will they together take to complete the work?  
 (1)  $15\frac{1}{3}$  days (2)  $10\frac{1}{3}$  days (3)  $13\frac{1}{3}$  days (4) None of these
42. Each edge of a cube is increased by 25%. Find the percentage increase in the total surface area:  
 (1) 25% (2) 56.25% (3) 55.25% (4) 125%
43. If the total surface area of a cube is 864 cm square, find the volume of the cube:  
 (1)  $1728 \text{ cm}^3$  (2)  $1624 \text{ cm}^3$  (3)  $144 \text{ cm}^3$  (4)  $1684 \text{ cm}^3$
- Directions: (Que. No. 44 to 46) What should come in place of the question mark (?) in the following questions.**
44.  $\frac{5}{8}$  of  $\frac{4}{9}$  of  $\frac{3}{5}$  of 444 = ?  
 (1) 37 (2) 57 (3) 74 (4) 88
45.  $14 \times 18.6 \div 12 + 19.3 = ?$   
 (1) 61 (2) 46.3 (3) 42.3 (4) 41
46.  $3\frac{10}{11} + 5\frac{7}{15} - 2\frac{9}{22} - 4\frac{9}{10}$   
 (1)  $2\frac{4}{15}$  (2)  $2\frac{1}{15}$  (3)  $3\frac{1}{15}$  (4)  $2\frac{7}{15}$
47. What sum of money will produce ₹ 70 as simple interest in 4 years at  $3\frac{1}{2}$  percent?  
 (1) ₹ 450 (2) ₹ 550 (3) ₹ 500 (4) ₹ 600
48. Two equal sums of money were lent at simple interest at 10% per annum for 4 years and 5 years respectively. If the difference in interests for two periods was ₹ 220, then each sum is:  
 (1) ₹ 2200 (2) ₹ 2000 (3) ₹ 1800 (4) None of these
49. The sum of the squares of 3 consecutive positive numbers is 365. The sum of the number is:  
 (1) 30 (2) 36 (3) 33 (4) None of these
50. The amount on ₹ 2,560 in 6 months at 25% per annum, if the interest is compounded quarterly, is:  
 (1) ₹ 2,890 (2) ₹ 2,790 (3) ₹ 2,870 (4) None of these

**PART-C**  
**(ENGLISH)**

51. Given below are four sentences wherein some words are in bold. You have to identify the sentence where the bold word has been used as adverb:  
 (1) Sita is an **early** riser (2) He is her **only** son  
 (3) I can **only** write (4) The plane flew **low** over the hills
52. Read the following sentences given in options. Identify the sentence where conjunction has been used:  
 (1) This is the house that Jack built  
 (2) This is the place where he was murdered  
 (3) He sat beside Rama  
 (4) Ram as well as Govind was present there

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**53.** Identify the sentence with coordinating conjunction:

- (1) Tell them that I will come
- (2) He found his watch where he had left it
- (3) Walk quickly, else you will not overtake him
- (4) I do not know how it all happened

**54.** In the following question, four sentences have been given with one word given in bold. Identify which bold word has been used as conjunction

- (1) He tried, **but** did not succeed
- (2) Everybody **but** Govind was present
- (3) Stay **till** Monday
- (4) I have not me him **since** Monday

**55.** The plural word “Brethren” which means “member of a society or community”. The singular of the word “Brethren.”

- (1) Brother (2) Breath (3) Breaths (4) Bother

**56.** Some nouns have the singular and the plural alike and some nouns are used only in the plural. Find the odd one out on the basis of foregoing statements:

- (1) Series (2) Species (3) Sheep (4) Scissors

**57.** Find the odd one out on the basis of singular and plural:

- (1) Measles (2) Mumps (3) Rickets (4) Spectacles

**58.** Complete the following sentence using correct tense:

When Mrs. Singh ..... the baby cry, she ran to pick him up.

- (1) Heard (2) Had heard (3) Hears (4) Was heard

**59.** Fill in the gap using correct tense.

I ..... a car last month:

- (1) Bought (2) Have bought (3) Would buy (4) Was bought

**60.** Fill in the gap using correct tense.

At this time tomorrow, we ..... a film:

- (1) Had been watching (2) Will be watching
- (3) Have been watching (4) Would have been watching

**61.** Change the following direct speech into correct reported speech and mark your options from among choices.

He said, “Ram has not turned up yet”

- (1) He said that Ram had not turned up yet
- (2) He said that Ram has not turned up yet
- (3) He said that Ram was not turned up yet
- (4) He said that Ram had not turned up then

**62.** Change the following direct speech into correct reported speech and mark your options from among choices. Shyam said, “The teacher left an hour ago”

- (1) Shyam said that the teacher had left an hour ago
- (2) Shyam said that the teacher left an hour ago
- (3) Shyam said that the teacher had left an hour before
- (4) Shyam said that the teacher had left an hour ahead

**63.** In the question a sentence has been given in reported speech. You have to choose correct option for its direct speech.

The teacher said that the sun rises in the east.

- (1) The teacher said “The sun rises in the east”
- (2) The teacher said “The sun rose in the east”
- (3) The teacher said “The sun will rise in the east”
- (4) The teacher asked “The sun has risen in the east”

**Directions:** Change the following sentences into reported speech.

**64.** I said to her, “He is a good boy”:

- (1) I told her that he is a good boy

- (2) I told her that he was a good boy

- (3) I asked her that he is a good boy

- (4) I asked her that he was a good boy

**Directions:** (*Question nos. 65 & 66*) In the following questions, a word is given in capital letters followed by four words. Choose the word that is nearly opposite in meaning to the word in capital letters.

**65.** Scrimp:

- (1) Lavish (2) Parsimonious
- (3) Meticulous (4) Polite

**66.** Boisterous:

- (1) Serene (2) Tumultuous
- (3) Brazen (4) Opaque

**Directions:** (*Question nos. 67 & 68*) Against each key word are given four suggested meanings. Choose the word or phrase which is nearest in meaning to given word.

**67.** Callous:

- (1) Liberal (2) Ignorant (3) Irresponsible
- (4) Insensitive

**68.** Affront:

- (1) Exile (2) Contour (3) Eruption (4) Indignity

**Direction:** In the following questions, fill in the gap with correct preposition.

**69.** The property was divided ..... the twins.

- (1) Among (2) Between (3) In (4) Into

**70.** The plan will be sanctioned ..... a fortnight.

- (1) In (2) Within (3) By (4) Since

**71.** Sita drove ..... a red light.

- (1) By (2) With (3) Through (4) From

**72.** Attach this rope ..... the back of the crane.

- (1) With (2) To (3) Through (4) By

**73.** The adverb of the word “Sleep”:

- (1) Sleepy (2) Sleepily (3) Sleeping (4) Sleepingly

**74.** Read the following sentences and count the number of adverbs used in these sentences:

The soldiers fought bravely. The sun shines everywhere. The horse ran fast. Maria arrived late for the class.

- (1) 4 (2) 3 (3) 1 (4) 2

**75.** Read the sentences given in options. You have to find the sentence which speaks of “adverbs of degree”

- (1) Peter gets up early (2) The bus stops there

- (3) The doctor examined the patient carefully

- (4) These mangoes are almost ripe

## PART-D

### (REASONING AND ANALYTICAL ABILITY)

**Directions:** (*Que. No. 76 to 79*) Read the following information carefully to answer these questions.

U, V, W, X, Y and Z are members of a family. There are two married couples. V is management expert and is father of ‘Y’. ‘Z’ is grandfather of ‘W’ and is a politician. ‘X’ is grandmother of ‘Y’ and is a judge. W’s mother is an advocate. There is one management expert. One politician, one advocate, one judge and two athletes in the family.

**76.** Which of the following is definitely a group of male members?

- (1) V Z Y (2) U Z (3) V Z (4) V Z W

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- 77.** Which of the following are married couples?  
 (1) UV, WX (2) XV, UY (3) ZX, VU (4) None of these
- 78.** Who are siblings?  
 (1) YW (2) YX (3) UW (4) ZU
- 79.** Which of the following is definitely a group of female members?  
 (1) Xv (2) UX (3) UX Y (4) XUW
- 80.** Four persons Meenal, Neha, Onkar and Puneet are playing cards, Meenal is on the right of Neha and Puneet is on the left of Onkar. Then which of the following are partners (sitting opposite side)?  
 (1) Puneet and Onkar (2) Neha and Puneet  
 (3) Meenal and Neha (4) Meenal and Puneet
- 81.** In a row of girls, a girl is 7<sup>th</sup> from left end and 14<sup>th</sup> from the right end. How many girls are there in the row?  
 (1) 19 (2) 20 (3) 21 (4) 22
- 82.** If Meeta celebrated her birthday on Tuesday, 5<sup>th</sup> January 1965, when will she celebrate her next birthday on the same day (Tuesday)?  
 (1) 5<sup>th</sup> January 1969 (2) 5<sup>th</sup> January 1970  
 (3) 5<sup>th</sup> January 1971 (4) Cannot be determined
- 83.** Ranjeet is the brother of Anand. Seema is the sister of Sanjeev. Anand is the son of Seema. How is Ranjeet related to Seema?  
 (1) Nephew (2) Son (3) Brother (4) Father
- 84.** Which one of the given responses would be a meaningful order of the following:  
 1. Stem 2. Flower 3. Root 4. Fruits  
 5. Leaves  
 (1) 3, 5, 1, 2, 4 (2) 3, 2, 5, 1, 4  
 (3) 3, 1, 5, 2, 4 (4) 3, 1, 2, 5, 4
- 85.** There are five friends – Sujeet, Kamal, Manoj, Amar and Rahul. Sujeet is shorter than Kamal but taller than Rahul. Manoj is the tallest. Amar is a little shorter than Kamal and little taller than Sujeet. Who has two persons taller and two persons shorter than him?  
 (1) Rahul (2) Sujeet (3) Kamal (4) Amar
- 86.** A man leaves for his office from his house. He walks towards South. After walking a distance of 300 metres, he turns towards west and walks 200 metres. Then he walks 100 metres towards North and further 100 metres towards west. He then turns towards North and walks 200 metres. What is the straight distance in metres between his initial and final positions?  
 (1) 400 metres (2) 300 metres (3) 200 metres (4) None of these
- 87.** If ‘yellow’ is called white, ‘white’ is called pink, ‘pink’ is called red, ‘red’ is called black, ‘black’ is called green, ‘green’ is called orange, then what is the colour of coal?  
 (1) Red (2) Orange (3) Green (4) Black
- 88.** In a certain code STREAMLINE is written as BFSUTDMHKL. How is SCIENTIFIC written in that code?  
 (1) OFJDTBHEHS (2) OFJDTDJGJU  
 (3) OFJTBHDHESH (4) OFJDTDGJUT
- 89.** If water is called food, food is called tree, tree is called sky, sky is called wall, on which of the following grows a fruit?  
 (1) Water (2) Tree (3) Wall (4) Sky
- 90.** If the numerals of a 24 hours digital clock represent the English alphabets serially from 1 to 24. (Y & Z not represented) then the code for ALEXANDER is likely to be in terms of time:  
 (1) 1.12.5.24.1.14.4.5.18 (2) 13.12.5.24.1.14.4.5.18  
 (3) 2.12.5.24.1.14.4.5.24 (4) 1.12.4.24.2.14.4.5.18
- 91.** If  $A = 1$ ,  $FAT = 27$  then  $FAINT = ?$   
 (1) 44 (2) 42 (3) 41 (4) 50

**Directions:** The following question is followed by two statements labeled I and II in which certain data is given. You have to decide whether the data given in the statements are sufficient to answer the question. Using the data given together with your everyday knowledge, choose.

- A.** If statements I alone is sufficient but statement II alone is not sufficient to answer the question.
- B.** If statement II alone is sufficient but statement I alone is not sufficient to answer the question.
- C.** If both statement I and II together are sufficient to answer but neither statement alone is sufficient to answer the question
- D.** If I & II together are not sufficient to answer the question and additional information is required

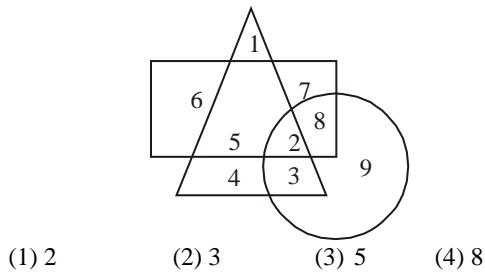
- 92.** What was the combined average attendance per game at the games Indira Gandhi stadium for July and August  
 I. The total attendance for the month of July was 25000 and the total attendance for the month August was 27200  
 II. There were 20 games played in July and 22 games played in August  
 (1) A (2) B (3) C (4) D

**Directions:** Select the suitable alternative to satisfy the relationship in the following question.

- 93.** Beat : Heart :: Breath :  
 (1) Mouth (2) Lungs (3) Life (4) Oxygen
- 94.** Pick the odd one out.  
 (1) Tiger (2) Lion (3) Leopard (4) Wolf

**Directions:** (Que. No. 95 & 96) What will come in place of question marks (?) in the following number series?

- 95.** 117, 389, 525, 593, 627, ?  
 (1) 643 (2) 713 (3) 753 (4) 644
- 96.** 18, 27, 49, 84, 132, ?  
 (1) 188 (2) 193 (3) 168 (4) None of these
- 97.** In a certain code, ‘GEETA’ is written as ‘ECCRY’ then how ‘MAHABHARATA’ can be written in that code  
 (1) KYFYZZYFRPY (2) KYFYZYFYPY  
 (3) KYFYZFYPYRY (4) KYFYZFYPYRY
- 98.** In a certain code language ‘red is lovely’ means ‘ti paa maa’ ‘Pink is here’ means ‘paa ka ja’ and ‘roses are red’ means ‘ti du ba’. What does ‘maa’ stand for in that code language?  
 (1) here (2) are (3) lovely (4) Data inadequate
- 99.** Which number is in all the geometrical figures in the following diagram?



- (1) 2 (2) 3 (3) 5 (4) 8

- 100.** Which one of the following figures represents clothes, flowers and white?

