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OSSSC Group C

Previous Year Paper (Statistical Field Surveyor) 2017



DO NOT OPEN THE SEAL OF THE QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Question Booklet Series Code : C

Question Book Sl. No. AEC :

011991

Time Allowed: 01.30 hours

SFS-2016

Full Mark: 70

କିର୍ତ୍ତାରୀତି ସମୟ : ପଠେ.ଶାନ୍ତି ମିଳିଟି

ଶୋଭା ମାର୍କ : ୭୦

Read the following instructions carefully before you begin to answer the questions. This Question Booklet has in all 70 objective type questions with multiple choice answers, viz, questions from Serial No.1 to 25 on Arithmetic in Section-A, questions from Serial No.26 to 50 on English in Section-B and questions from Serial No.51 to 70 on Computer Basic Skills in Section-C. One mark each shall be awarded for giving correct answer to each of them.

ପ୍ରଶ୍ନଗୁଡ଼ିକର ଉଭର କରିବାପର୍ବତୀ ନିମ୍ନ ପ୍ରଦର୍ଶନକାରୀ ଯତ୍ନ ସହକାରେ ପଢନ୍ତି । ଏହି ପ୍ରଶ୍ନ ପୁଣିକାରେ ମୋହ୍ନ ୨୦ଟି ବିବିଧ ଉଭର ଯୁଦ୍ଧ ସଂକ୍ଷିପ୍ତ ପ୍ରଶ୍ନ ଦିଆଯାଇଥିଲା । କ - ବିଭାଗରେ କ୍ରମିକ ସଂଖ୍ୟା ୧ ରୁ ୨୫. ପାଟାଗଣିତ, ଖ- ବିଭାଗରେ କ୍ରମିକ ସଂଖ୍ୟା ୨୨ ରୁ ୫୦ ରାଶି ଏବଂ ଶ- ବିଭାଗରେ କ୍ରମିକ ସଂଖ୍ୟା ୫୧ ରୁ ୨୦ କଣ୍ଠ୍ୟର ମୌଳିକ ଦକ୍ଷତା ବିଷୟରେ ପ୍ରଶ୍ନ ରହିଛି । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ସଂପଦ ଉଭର ପାଇଁ ଏକ ମାର୍କ ଲେଖାଏଁ ଦିଆଯିବା ।

DO NOT OPEN THE SEAL OF THE QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO

Section – A : Arithmetic

$$\frac{22}{7} \times \pi^2 \quad 49 \times \frac{7}{22}$$

$$\frac{1}{r^2} \times \frac{7}{22} \quad \frac{2\pi^2}{r^2}$$

8) The ratio between the areas of two circles is 9: 49. Find out the ratio between their circumferences.

ଦୁଇଟି ବୁଲର କ୍ଷେତ୍ରଫଳର ଅନୁପାତ 9: 49 । ସେମାନଙ୍କର ପରିଧିର ଅନୁପାତ କେତେ ହେବ ?

A) 7:3 B) 49:3 C) 7:49 D) 3:7

9. Distribute Rs.120.00 amongst "A", "B", "C" in such a manner that after deducting Rs.15, Rs.10 and Rs.5 respectively from them, the proportion of the amounts left with them will be 2:3:4.

120.00 ଟଙ୍କାକୁ "A", "B" ଓ "C" ମଧ୍ୟରେ କିଭଳି ବଣ୍ଣନ କଲେ ସେମାନଙ୍କଠାରୁ ଯଥାକ୍ରମେ 15 ଟଙ୍କା, 10 ଟଙ୍କା ଏବଂ 5 ଟଙ୍କା ବିଯୋଗ କଲାପରେ, ତାଙ୍କ ପାଖରେ ଥୁବା ଟଙ୍କାର ଅନୁପାତ 2:3:4 ହେବ ?

A) 45, 35, 40 B) 45, 40, 35 C) 35, 40, 45 D) 40, 45, 35

10. If the diagonal of a square is 24cm, then its area is ____?

ଗୋଟିଏ ବର୍ଗକ୍ଷେତ୍ରର କର୍ଣ୍ଣ 24 ମୀଟିମିଟର ହେଲେ, ତା'ର କ୍ଷେତ୍ରଫଳ କେତେ ହେବ ?

$$\frac{24}{\sqrt{2}} \times \frac{24}{\sqrt{2}} = \boxed{288}$$

A) 284cm² B) 278cm² C) 288cm² D) 298cm²

11. $(3)^3 - \sqrt{16} + (2)^3 = \dots$? $27 - 4 + 8 = 31$

$(3)^3 - \sqrt{16} + (2)^3 =$ କେତେ ହେବ ?

A) 31 B) 27 C) 19 D) 23

12. The compound interest of Rs.3000/- for 3 years at 10% interest is ____?

3000 ଟଙ୍କାର 3 ବର୍ଷରେ ଶତକତା 10 ଟଙ୍କା ସୁଧ ହାରରେ ବଢ଼ୁବୁଛି ସୁଧ କେତେ ହେବ ?

$$\begin{array}{r} 3360 \\ 330 \\ \hline 3630 \\ 363 \\ \hline 3993 \end{array}$$

A) 993 B) 963 C) 960 D) 633

13. Selling a toy at Rs.30/- makes a profit which is twice the loss made by selling at Rs.18/-. What is the price of the toy?

ଗୋଟିଏ ଖେଳନାକୁ 18 ଟଙ୍କାରେ ବିକିଳେ ଯେଉଁକି କ୍ଷତି ହୁଏ, 30 ଟଙ୍କାରେ ବିକିଳେ ତାର ଦୁଇଗୁଣ ଲାଭ ହୁଏ । ଖେଳନାରିର ଦାମ କେତେ ?

A) 26 B) 20 C) 24 D) 22

14. A man sold two horses for Rs. 300 each. On one of them he gains 20% and on the other he losses 20%. Find out his total loss or gain.

ଜଣେ ଲୋକ ଦୁଇଟି ଘୋଡ଼ାକୁ 300 ଟଙ୍କାରେ ବିକ୍ରୟ କଲା । ଗୋଟିକରେ 20 ପ୍ରତିଶତ ଲାଭ ଏବଂ ଅନ୍ୟକରେ 20 ପ୍ରତିଶତ କ୍ଷତି ହୁଏ । ତା'ର ମୋଟ ଲାଭ ବା କ୍ଷତି ନିର୍ଣ୍ଣୟ କର ।

A) Gain of Rs. 25 B) Loss of Rs. 25 C) Loss of Rs. 20 D) No loss, No Profit

15. Three partners A, B and C invest Rs.26000, Rs.34000 and Rs.10000 respectively in a business. Out of a total profit of Rs.17500, C's share is ____?

ତିନୋଟି ଅଂଶୀବାର A, B ଓ C ଯଥାକ୍ରମେ 26000, 34000 ଏବଂ 10000 ଟଙ୍କା ଗୋଟିଏ ବ୍ୟବସାୟରେ ବିନିଯୋଗ କରାନ୍ତି । ସମ୍ମାନ 17500 ଟଙ୍କା ଲାଭରୁ C ର ଅଂଶ କେତେ ହେବ ?

A) 8750 B) 8500 C) 7500 D) 2500

$$\begin{array}{r} 26 \quad 34 \quad 10 \\ 13 \quad 17 \quad 5 \\ \hline 156 \quad 209 \quad 60 \end{array}$$

$$\begin{array}{r} 17 \\ 170 \\ 170 \\ \hline 500 \\ 2500 \\ 2500 \\ \hline 2500 \end{array}$$

12 1400 33
36 30
12 30

16. Manish invests Rs. 450 in a business for 4 months and Mahavir invests Rs. 600 for 3 months. What is the share of Mahavir in the total profit of Rs. 400?

ମନିଷ 4 ମାସ ପାଇଁ 450 ଟଙ୍କା ଏବଂ ମହାବୀର 3 ମାସ ପାଇଁ 600 ଟଙ୍କା ଗୋଟିଏ ବ୍ୟବସାୟରେ ବିନିଯୋଗ କରିଛି । ମୋଟ 400 ଟଙ୍କା ଲାଭହେଲେ ମହାବୀରର ଭାଗ କେତେ ହେବ ?

A) Rs.200 B) Rs.100 C) Rs.300 D) Rs.150

17. What is the Mean of $(a+b)^2$ and $(a-b)^2$?

$(a+b)^2$ ଓ $(a-b)^2$ ର ମଧ୍ୟମାନ କେତେ ?

A) $a^2 b^2$ B) $a^2 + b^2$ C) $2ab$ D) $a+b$

$$\frac{(a+b)^2 + (a-b)^2}{2} = a^2 + b^2$$

18. What is the difference between the Median of first 10 natural numbers and the Median of first 9 natural numbers?

ସ୍ଵର୍ଗମ 10 ଟି ଗଣନୀୟ ସଂଖ୍ୟାର ମଧ୍ୟମା, ପ୍ରଥମ 9 ଟି ଗଣନୀୟ ସଂଖ୍ୟାର ମଧ୍ୟମାଠାରୁ କେତେ ଅଧିକ ବା କମ ?

$$\frac{5+6}{2} = \frac{11}{2} = 5.5$$

A) 1 less B) 0.5 more C) 1 more D) 1.5 less

19. What is the Mode of the scores 1, 2, 3, 4, 5, 6 ?

1, 2, 3, 4, 5, 6 ଲବ୍ଧାଙ୍କ ମାନଙ୍କର ଗରିଷ୍ଠ କେତେ ?

A) 1 B) A C) 6 D) Nil

$$\begin{array}{c} 12 \ 3 \ 4 \ 5 \\ \text{median} = 3 \\ \text{mean} = 3 \\ \text{mode} = 3 \\ 6 = 0 \quad 9 = 6 \\ 0 = 6 \end{array}$$

20. If Mean is M, Median is Md, Mode is Mo, what is the relation between Mean, Median and Mode?

ଯଦି ମଧ୍ୟମାନ M, ମଧ୍ୟମାନ Md ଏବଂ ଗରିଷ୍ଠକ Mo ହୁଁ, ତେବେ ମଧ୍ୟମାନ, ମଧ୍ୟମାନ ଏବଂ ଗରିଷ୍ଠକ ମଧ୍ୟରେ ସମ୍ବନ୍ଧ କିଣି ?

A) $Mo=3Md-2M$ B) $3Mo-2M=Md$ C) $2M=3Mo-Md$ D) None of these

21. 3600 enumerators complete census work of a village in 45 days. How many enumerators will be engaged to complete the same in 30 days?

3600 ଗଣନାକାରୀ 45 ଦିନରେ ଗୋଟିଏ ଗ୍ରାମର ଜନଗଣନା କାର୍ଯ୍ୟ ଶେଷ କରିପାରିଛି । କେତେ ଜଣ ଗଣନାକାରୀ ନିଯୋଜନ କଲେ ସେହି କାମକୁ 30 ଦିନରେ ଶେଷ କରିପାରିବେ ?

A) 5400 B) 5200 C) 5000 D) None of these

22. If $3.7 + 4.96 + 13.578 + 12.1374 = Y$, then $Y + 99 =$ _____ ?

ଯଦି $3.7 + 4.96 + 13.578 + 12.1374 = Y$ ହୁଁ, ତେବେ $Y + 99 =$ _____ ?

A) 134.3754 B) 135.3754 C) 133.3754 D) 132.3754

23. If the sum of the first twelve odd numbers is added to the sum of the first twelve even numbers, then their sum will be _____ ?

ଯଦି ପ୍ରଥମ 12 ଟି ଅୟୁଗ୍ର ସଂଖ୍ୟାର ସମ୍ପତ୍ତି ପ୍ରଥମ 12 ଟି ସୁଗ୍ରୁ ସଂଖ୍ୟାର ସମ୍ପତ୍ତି ସହିତ ଯୋଗ କରାଯାଏ, ସେମାନଙ୍କ ଯୋଗଫଳ କେତେହେବ ?

A) 306 B) 304 C) 302 D) 300

3600
3600 x 45
3600
5400
3. 5280
1. 9600
3. 7000
39.3754
99. 6844
133.3754
SES ECO-16 (C)

P. T. O.

$$3 = \boxed{906}$$

59761 | 189
37
59761
37
59724

ତୁମ୍ହାରୀ କାଗଜମ୍ + ୦୩୭୦୭୭
189 | 59724 | 316
37
567
302
1134

24. On dividing 59761 by a certain number the quotient is 189 and the remainder is 37. Find out the divisor.

59761 ବୁଲେ କୌଣସି ସଂଖ୍ୟାହାରା ଭାଗକଲେ ଭାଗଫଳ 189 ଏବଂ ଭାଗଶେଷ 37 ହୁଏ । ତେବେ ଭାଜକ କେତେ ହେବ?

A) 314 B) 312 C) 316 D) 318

25. Find out the difference between the place values of the two fours in the numeral 7484326.

7484326 ସଂଖ୍ୟାରେ ଥିବା ଦୁଇଟି ଚାରି ଶାନୀୟମାନ ମଧ୍ୟରେ ପ୍ରଭେଦ କେତେ?

A) 396000 B) 398000 C) 3960000 D) 39600000

Section - B : English

Instructions : Read the following passage carefully. Answer all the ten questions asked from the passage by picking out the correct/appropriate answer out of the four alternatives given against each question below the passage.

No one can hurt you unless you give permission to be hurt. Someone may say a harsh word. That is his freedom and your freedom is to accept it or reject it. When someone or something is not acceptable, reject it in the same way you reject a salesman trying to sell something that you don't want. If you don't reject, it would appear that you have accepted it at some level. This is the disorder. Also, don't get lost in asking, why? Instead, ask how you can deal with this and deal with it wisely. Being wise involves you to internalize things carefully. You should be alert not to personalize it, if someone says you are a fool. Do not allow past references of someone calling you a fool come unconsciously and support or confuse you. Once you have inner alertness, you will not fall prey to your disempowering self-talk.

26. Select which of the following vocabularies has not been used as Connector in the passage.
A) unless B) when C) instead D) once

27. Pick out one of the following words, as used in the passage, which does not match with the others.
A) permission B) freedom C) alertness D) acceptable

28. Find out which of the following words has not been used as Infinite Verb in the passage.
A) to accept B) to internalize C) calling D) confuse

29. Select which of the following Verbs / Phrasal Verbs has not been used in Active Voice in the passage.
A) to be hurt B) have accepted C) to sell D) fall prey

30. What do you mean by 'his freedom'?
A) One's obligation to hurt you.
B) One's duty not to hurt you.
C) Someone's freedom to tell you something unpleasant.
D) Someone's right to speak you sweet words.

31. With whom does the author compare a salesman?

- Someone who hurls abuses at you.
- A shopkeeper from whom you buy a thing of your choice.
- Some merchant who deals in clothes.
- A vender who gains over you to buy his goods.

32. What is it that the author calls 'disorder'?

- Someone scolds you and you remain calm.
- Someone tells you hard words and you just ignore it.
- Somebody says you are a fool and you call him a scoundrel.
- Someone abuses you and you remain undisturbed.

33. What does the author mean by 'being wise'?

- Accepting someone or something unpleasant.
- Art of wisely and impersonally dealing with the negative forces.
- Questioning somebody why he abused you.
- Recollecting the harsh words someone said to you.

34. Why does the author ask you to develop 'inner alertness'?

- It keeps you away from reacting to the hurts of and hurting back others.
- Inner alertness helps you accept the abuses done to you.
- You can remember the fouls done upon you.
- No one will dare to hurt you further.

35. Find out which of the following has not been used as Noun or Pronoun in the passage.

A) one B) hurt C) you D) someone

Direction : Read the following questions with instructions carefully and pick out the correct and most appropriate answer out of the four options given below each of following questions?

36. A herd of cattle _____ grazing in our field since morning. (Supply the correct Auxiliary/ies to fill the blank)

A) has been B) are C) was D) have been

37. Usually Nirmala _____ white shirts, but today she _____ a green one. (Supply the correct Verbs in sequence to fill up the gaps)

A) wear & is wearing B) wears & is wearing
C) wearing & worn D) wearing & has worn

P. T. O.

47. My sister who is doctor in foreign country has written useful article on dentistry. (Select the correct Article/s in sequence to rectify the sentence if required)
 A) a, a & a B) a, an & the C) the, the & an D) the, an & a

48. We agreed _____ the proposal _____ an excursion. (Supply the correct Preposition/s to fill the blank)
 A) at & for B) to & for C) with & of D) on & of

49. The aero plane flew _____ Kolkata City and crashed _____ the Bay of Bengal. (Supply the correct Preposition/s to fill the blank)
 A) on & at B) above & in C) over & into D) about & on

50. Neither Rosalin nor her sister _____ present in the class room yesterday. (Supply the correct Auxiliary/ies to fill the blank)
 A) is B) were C) have been D) was

Section - C : Computer Basic Skills

51. Recently deleted files are stored in
 A) Recycle bin B) Desktop C) Taskbar D) My computer

52. Using Microsoft Word's Find and Replace feature you can-
 A) replace both text and formatting B) replace text only
 C) replace formatting only D) replace document's name only

53. Press which key to select different portions of any text by dragging the mouse?
 A) Alt B) Ctrl C) Shift D) F12

54. A major step before taking print of the document is-
 A) to save the document B) to set paper settings
 C) to see print view of document D) Both B and C

55. Word's Count feature-
 A) provides information about the number of words in the document
 B) is useful when the length of the document is limited to some number of words,
 C) displays the number of pages, characters, paragraphs and lines in the document
 D) all the above

56. It is a mark, normally round or a square dot, it is called-
 A) number B) bullet C) Indentation D) both B and C

57. What is the shortcut key for "Find and Replace" dialog box?
 A) Ctrl + F B) Ctrl + R C) Ctrl + H D) Ctrl + Shift + F

58. What is the shortcut key to "Subscript" the selected text?
 A) Ctrl + = B) Ctrl + - C) Ctrl + Shift + = D) Ctrl + Shift + -

59. By default, the cell content alignment is-

- Left aligned
- Text left aligned and numbers right
- Text right aligned and numbers left
- Centrally aligned

60. From which Tool bar we can change chart type?

- Chart Tool Bar
- Formatting Tool Bar
- Formula Bar
- Clipboard Bar

61. Getting data from a cell located in a different sheet in the same workbook is called-

- Copying
- Cell Referencing
- Updating
- Functioning

62. Which of the following keyboard shortcut can be used for creating a chart from the selected cells?

- F11
- F10
- F4
- F2

63. Which function is used to calculate the total characters in a cell?

- Len
- Length
- Mid
- Sid

64. Any change in Excel work sheet data can be shared with Word document by-

- Inserting an Excel file into Word
- Linking copied Excel data to Word document
- Copying and Pasting Excel work sheet into Word document
- All the above

65. Example of non-numerical data is:-

- Employee address
- Examination score
- Bank Balance
- None

66. A bootstrap is a-

- memory device
- device to support the computer
- small initialization program to start up a computer
- an error correction technique

67. The _____ key will launch the Start button.

- Esc
- shift
- Windows
- Shortcut

68. In a laser printer, the _____ transfers the image to the paper.

- laser
- roller
- toner
- drum

69. Data that is copied from an application is stored in the _____.

- driver
- clipboard
- terminal
- Prompt

70. Which of the following programs compresses large files into a smaller file?

- WinZip
- WinShrink
- WinStyle
- None of above