

MSCWB

Previous Year Paper

Sub Overseer
14 May, 2023 Shift 2



ALL EXAMS, **ONE** SUBSCRIPTION



Test. Analyze. Improve. Repeat.



*Don't just
prepare.
Perform.*

Test Prime – built only
for mock tests.



1,50,000+
Mock Tests



25,000+
Previous Year
Papers



800+
Exam
Covered



500%
Refund on
Selection



5 lakh+
Free Quizzes



Daily
Free PDFs



Top Alerts
Stay Updated

WHY TEST PRIME?

- ✓ Multilingual
- ✓ Detailed Solution
- ✓ Strong and Weak Areas
- ✓ All India Rankings



Safe & Reliable



Trusted by
Lakhs of Aspirants

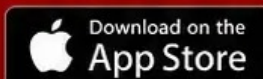


Your Success,
Our Mission



**DOWNLOAD
TEST PRIME**

Your Success Partner!



Test

Prime



SUCCESS GALLERY!

MEET THE ACHIEVERS



Shreya, SBI PO



Sahil, SBI PO



Srijita, SBI PO



Vikram, IBPS PO



Neeti, IBPS PO



Arya, IBPS PO



Hasan, SSC CGL



Palak, SSC CGL



Priti, UP TGT



Aniket, Bihar Stet



Shaurya, NTPC



Sarita, CTET



Gourav, NTPC



Sanni, NTPC



Abhishek, CTET



Sapna, IBPS Clerk

THEY DID IT. YOU CAN TOO

READ THEIR STORIES!



Date of Exam : 14.05.2023, Session 02.00 PM – 04.00 PM

ANSWER KEY

SOK4

1. Which one of the following rivers flows between the Vindhya and the Satpura ranges?

Correct Option:

Narmada

2. D.D.T. was invented by

Correct Option:

Mosley

3. Which of the following is related to Bharat Nirman Scheme?

Correct Option:

Infrastructure development

4. Which country won the FIFA World Cup 2022?

Correct Option:

Argentina

5. ESCAP stands for

Correct Option:

Economic and Social Commission for Asia and Pacific

6. For safety, the fuse wire used in the mains for household supply of electricity must be made of metal having

Correct Option:

low melting point

7. Firdausi was

Correct Option:

Both (A) and (B)

8. Which is India's first super computer?

Correct Option:

Param 8000

9. Which state has the longest coastal line in India?

Correct Option:

Gujarat

10. Megasthenes was the ambassador of

Correct Option:

Selucus

Please Turn Over

SOK4

ANSWER KEY

11. What is Sagittarius A*, which is recently in the news?

Correct Option:
Black hole

12. In which temperature scale temperature never be negative?

Correct Option:
Absolute scale

13. Sky appears blue due to

Correct Option:
scattering of light

14. India's one of the major nuclear power stations is at

Correct Option:
Tarapur

15. Kathakali is a dance form having its roots in

Correct Option:
Kerala

16. The Young Bengal movement is associated with the name of

Correct Option:
Derozio

17. As per APEDA, which is the top exported commodity in India in 2020-21?

Correct Option:
Non-Basmati Rice

18. As of January 2022, what was the rate of interest applicable for Sukanya Samriddhi Yojana?

Correct Option:
7.6%

19. A new species of dwarf catfish named 'Pseudolaguvia vespa' was discovered in Milak River in which state?

Correct Option:
Nagaland

20. 'REACH', which was seen in the news recently, is a regulation of the European Union regarding _____.

Correct Option:
Chemicals

ANSWER KEY

SOK4

21. When is the 'Army Day' observed every year in India?

Correct Option:

January 15

22. 'Lipulekh', which was seen in the news, is located along the border of which neighbouring country of India?

Correct Option:

Nepal

23. Pandit Birju Maharaj, who passed away recently, was associated with which dance?

Correct Option:

Kathak

24. In which among the following metals, largest number of coins were issued in Gupta Era?

Correct Option:

Gold

25. Which institution has developed a method to detect corona virus infection using mass spectrometer?

Correct Option:

IGIB

26. The Poet Joydev was a renowned litterateur in the court of

Correct Option:

Lakshman Sena

27. Who among the following introduced famous festival 'Nauroj' in India?

Correct Option:

Balban

28. In 1930, Mahatma Gandhi started Civil Disobedience movement from

Sabarmati

29. Which type of forest covers the maximum area in India?

Correct Option:

Tropical Moist Deciduous Forest

30. Kimmangundi Mines supply iron ore to _____ steel plant.

Correct Option:

Bhadravati

Please Turn Over

SOK4

ANSWER KEY

31. Which government agency is responsible for mapping and exploration of minerals in India?

Correct Option:

Geological Survey of India

32. Which states does the Palghat Gap connect?

Correct Option:

Kerala and Tamil Nadu

33. What is called the Mica Capital of India?

Correct Option:

Kodarma

34. Pressure at a point in a liquid at rest does not depend on _____.

Correct Option:

volume of the liquid container

35. The initial velocity of a particle is 20 m/s and its retardation is 2.5 m/s^2 . The time required to stop the particle is

Correct Option:

8 s

36. The instrument devised by Acharya Jagadish Chandra Bose to measure sensitivity in plants is

Correct Option:

Crescograph

37. Negative geotropic movement can be found in

Correct Option:

breathing roots

38. The plant hormone that helps to break dormancy in seeds is

Correct Option:

gibberellins

39. Hyposecretion of anti-diuretic hormone causes

Correct Option:

Diabetes insipidus

40. A muscle involved in flexion is

Correct Option:

Biceps

ANSWER KEY

SOK4

41. A person with a *dishevelled* appearance is

Correct Option:

untidy

42. In the word *egoist* the root 'ego' comes from

Correct Option:

Latin

43. An *egocentric* person

Correct Option:

is morbidly, obsessively wrapped up in oneself.

44. The word *Matriarch* is a combination of two roots. It is built on the root *archein* which means

Correct Option:

to rule

45. A person who hates mankind is called

Correct Option:

misanthropist

46. An elephant baby is called

Correct Option:

calf

47. The idiom 'bone of contention' means

Correct Option:

point of dispute

48. The idiom 'Utopian scheme' means

Correct Option:

impractical plan

49. The antonym of 'nadir' is

Correct Option:

top

50. The word 'carnage' means

Correct Option:

killing of many people

Please Turn Over

SOK4

ANSWER KEY

51. The idiom 'eat the humble pie' means

Correct Option:

to humbly apologize

52. To create much 'hue and cry' means to create

Correct Option:

uproar

53. A person coming into a country to settle is called

Correct Option:

immigrant

54. The idiom 'kith and kin' means

Correct Option:

relatives

55. Recalling past events with sentiments is called

Correct Option:

reminiscent

56. A characteristic acquired at birth is called

Correct Option:

congenital

57. This man deals _____ second hand books.

Correct Option:

in

58. A collection of poems is called

Correct Option:

anthology

59. I am astonished _____ his courage.

Correct Option:

at

60. A thing which is capable of being shaped by hammering is called

Correct Option:

malleable

ANSWER KEY

SOK4

61. One having a number of talents is known as

Correct Option:

versatile

62. We should not _____ the poor.

Correct Option:

look down upon

63. A group of ships is called

Correct Option:

fleet

64. 'To hang by a thread' means

Correct Option:

to be in a very precarious position

65. Direction: Give the antonym of the following word.

Intensify :

Correct Option:

enhance

66. Direction: Give the antonym of the following word.

Nimble :

Correct Option:

None of these

67. Direction: Give the antonym of the following word.

Onerous :

Correct Option:

oppressive

68. Direction: Give the antonym of the following word.

Uptight :

Correct Option:

elated

69. Direction: Find out which part has an error. If there is no mistake, the answer is No error.

The road (a) / to famous monument (b) / passes through a forest. (c) / No error (d)

Correct Option:

(c)

70. Direction: Find out which part has an error.

As I was to reach (a) / early I left in aeroplane (b) / instead of (c) / going by train. (d)

Correct Option:

(b)

71. One factor of

$x^4 + 2023x^2 + 2022x + 2023$ must be

Correct Option:

$x^2 + x + 1$

Please Turn Over

SOK4

ANSWER KEY

72. Two numbers lying between 100 and 200 of which the H.C.F. will be 48 are

Correct Option:

144 and 192

73. The price of sugar increases by 12.5%. The expenditure towards sugar remains the same if the consumption be reduced by

Correct Option:

$11\frac{1}{9}\%$

74. The value of x for which $\frac{a}{x-a} + \frac{b}{x-b} = \frac{a+b}{x-a-b}$, ($a \neq 0, b \neq 0$), is

Correct Option:

$\frac{a+b}{2}$

75. The greatest number that will divide 515 and 725 leaving the remainder 11 in each case is

Correct Option:

42

76. The area of a circle is equal to the area of a square. The ratio of their perimeters is

Correct Option:

$\sqrt{\pi} : 2$

77. If $\sin\theta + \cos\theta = p$ and $\sec\theta + \operatorname{cosec}\theta = q$, the value of $q(p^2 - 1)$ is

Correct Option:

$2p$

78. If $\frac{x}{by+cz} = \frac{y}{cz+ax} = \frac{z}{ax+by} = 1$, the value of $\frac{a}{1+a} + \frac{b}{1+b} + \frac{c}{1+c}$ is

Correct Option:

1

79. The side BC of $\triangle ABC$ is produced to D. The external $\angle ACD = 98^\circ$ and $4\angle A = 3\angle B$. The value of $\angle B$ is

Correct Option:

56°

80. The value of $\frac{\cot 30^\circ - \tan 30^\circ}{\cot^2 45^\circ \cdot \cot 60^\circ} + \frac{6 \cdot \sin 60^\circ \sec 30^\circ}{1 + \sin^2 45^\circ} - \frac{1 + \sin^2 30^\circ}{\cos^2 60^\circ}$ is

Correct Option:

1

81. A solid metallic cylinder having height 9 cm and diameter of base 4 cm, is melted and recast into a solid sphere. The surface area of the sphere is

Correct Option:

36π sq. cm.

ANSWER KEY

SOK4

82. The sum of the first 15 even numbers is

Correct Option:

240

83. A and B are two triangles. The ratio of angles of A is 3 : 4 : 5 and that of B is 5 : 6 : 7. The difference between the largest angle of A and the smallest angle of B is

Correct Option:

25°

84. The ratio of the incomes of A and B is 5 : 4 and the ratio of their expenditures is 3 : 2. If at the end of the year, each saves ₹1600, then the income of A is

Correct Option:

₹4000

85. A person takes a loan ₹200 at 5% simple interest. He returns ₹100 at the end of first year. In order to clear his dues at the end of 2 years, he would pay

Correct Option:

₹115

86. A sum of ₹2600 is lent out in two parts. Interest on one part at 10% for 5 years is equal to the interest on the another part at 9% for 6 years. The amount lent at 10% is

Correct Option:

₹1350

87. A party of travellers came to a hotel and found that there was a shortage of 6 rooms for each to have one. Moreover, if they slept 2 in a room, there were 6 empty rooms. The number of rooms would be left empty if they sleep 3 in a room are

Correct Option:

10

88. A three-digit number pqr is 468 more than the sum of its digits. The sum of the 2-digit number pq and the number of p is

Correct Option:

52

89. O is the circumcentre of $\triangle ABC$. If $\angle BAC = 85^\circ$ and $\angle BCA = 55^\circ$ then $\angle OAC$ is equal to

Correct Option:

50°

90. DE and DF are tangents from an external point D to a circle with centre A. If $DE = 5$ cm. and $DE \perp DF$, then radius of the circle is

Correct Option:

5 cm.

91. If $\sqrt{13-a}\sqrt{10} = \sqrt{8} + \sqrt{5}$, then the value of a is

Correct Option:

-4

Please Turn Over

**Test
Prime**

By Adda247

PREVIOUS YEAR PAPERS PDF



PRACTICE MORE, SCORE HIGHER!



**Free
25,000+
PDF's**

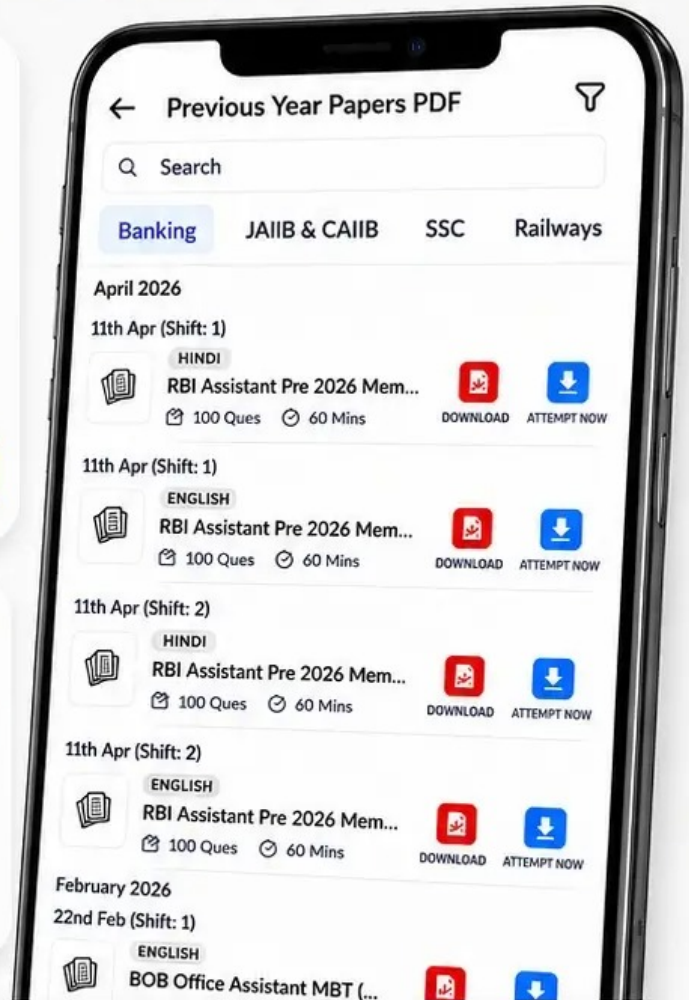
High-Quality | Exam-Wise | Updated Regularly



**ATTEMPT AS
MOCK**



Turn PDFs into real exam experience.
Analyze. Improve. Succeed.



Topic-wise &
Exam-wise PDFs



Download &
Study Offline



Attempt as Mock
& Track Score



Smart Analysis
& Performance

AVAILABLE IN



Banking



SSC



Railway



Teaching



UGC



Agriculture



Nursing



Bihar



UP



Punjab



WB



Odisha



TN



AP & Telangana



Haryana



DOWNLOAD TEST PRIME

Test

Prime



SUCCESS GALLERY!

★ MEET THE ACHIEVERS ★



Kunal, RRB JE



Shivam, UPSSSC AGTA



Priya, ANM



KHALILUR, LDA



Manoj, PWD



Atin, JENPAS



Shatarupa, OPSC



Arpita, JENPAS



Shital, SSC JE (Mech)



Nancy, UGC NET



Atul, SSC JE (ELCT)



Rahul, SSC JE (CIVIL)



Anand, SSC JE (ELCT)



Mohan, SSC JE (ELCT)



Saurabh, UGC NET



Ved, SSC JE (Mech)

★ THEY DID IT. YOU CAN TOO ★

READ THEIR STORIES!



SOK4

ANSWER KEY

92. If $-5 \leq 2x - 7 \leq 1$, then the greatest value of x is

Correct Option:

4

93. If $\frac{3-5x}{x} + \frac{3-5y}{y} + \frac{3-5z}{z} = 0$, then the value of $\frac{1}{x} + \frac{1}{y} + \frac{1}{z}$ is

Correct Option:

5

94. In a class of 50 students, 18 take music, 26 take art and 2 take both. The number of students who are not enrolled in either music or art is

Correct Option:

8

95. A kite flying at a height of 45 m. from the level of ground is attached to a string inclined at 60° to the horizontal. The length of the string is

Correct Option:

$30\sqrt{3}$ m.

96. If an article is sold for ₹ 178 at a loss of 11%, what should be its selling price in order to earn a profit of 11%?

Correct Option:

₹ 222

97. 20% loss on selling price is what per cent loss on the cost price?

Correct Option:

$16\frac{2}{3}\%$

98. If $P : Q : R = 2 : 3 : 4$, then $\frac{P}{Q} : \frac{Q}{R} : \frac{R}{P}$ is equal to

Correct Option:

8 : 9 : 24

99. If 182 is divided in the ratio of 3 : 5 : 4 : 1 in four parts, then the minimum part is

Correct Option:

14

100. A person covers a certain distance with a speed of 18 km/hr. in 8 min. If he wants to cover the same distance in 6 min, his speed should be

Correct Option:

24 km/hr.