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# **Karnataka Forest Watcher**

**Previous Year Paper  
07 Oct, 2018**



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ಪರೀಕ್ಷೆ ಮೇಲ್ಚಾರಕರು ನಿರ್ದೇಶನ ನೀಡಿದ ನಂತರವೇ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಪ್ರಸ್ತಾಕವನ್ನು ತರೆಯತಕ್ಕದ್ದು.

**Maximum Marks/ಗರಿಷ್ಠ ಅಂಕಗಳು**

: 100

**Total Number of Questions/ಒಟ್ಟು ಪ್ರಶ್ನೆಗಳು** : 50

: 60 Minutes

QUESTION PAPER BOOKLET SERIAL NO.

ಅಧಿಕಾರಿಯ ಪತ್ರಿಕೆಯ ಸಂಖ್ಯೆ

108505

CANDIDATES HAVE TO WRITE THE OMR SERIAL NUMBER IN THIS BOX  
ಅಧಿಕಾರಿಗಳು ಓ.ಆರ್. ಕ್ರಮಾಂಕವನ್ನು ಈ ಅಂಕಣಾದಲ್ಲಿ ಬರೆಯತಕ್ಕದ್ದುCANDIDATES HAVE TO WRITE THEIR REGISTER NO. IN THIS BOX  
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A

Candidate's Signature/ಅಧಿಕಾರಿಯ ಸಹಿ

Invigilator's Signature/ಪರೀಕ್ಷಕರ ಸಹಿ

**IMPORTANT INSTRUCTIONS**

Do not carry Mobile phones and Calculators during the time of test.

You will lose your candidature if you do so.

- Only Blue or Black colour ball point pen should be used for marking answers and writing OMR Sheet.
- All the 50 questions are compulsory and carry equal marks.
- Before opening the booklet, take out the OMR sheet kept inside the question paper carefully and write your name, registration number, Question paper booklet serial number and sign at the appropriate place on the OMR sheet and get the invigilator's signature in the place provided in the OMR.
- Each question is followed by five answers, of which only one is complete and most correct. Please mark the answer which you feel is most correct and complete by fully darkening the oval of that answer in the OMR sheet.
- There is no negative marks. However if more than one response is marked for a question, the answer shall be evaluated as invalid and the candidate shall be awarded zero marks for that question. Therefore, mark only one answer.
- In case the response marked by you on the OMR sheet matches the "Key of right answers" as provided by panel of experts, you will be awarded full marks for that question.
- Do not fold, tear or smudge the OMR sheet. Do not leave any stray marks on the OMR sheet.
- Blank space on back page of the question paper may be used for rough work.
- Questions are provided in Kannada and English. However in case of lack of clarity in Kannada version, English version may be referred to as correct.
- So go ahead. Best of luck.

**ಒಮ್ಮೆಯ ಸೂಚನೆಗಳು**

ಪರೀಕ್ಷೆಯ ಸಮಯದಲ್ಲಿ, ಮೊಬೈಲ್ ಫೋನ್ ಮತ್ತು ಕಾರ್ಡ್ ಲ್ಯಾಂಡರ್ ಗಳನ್ನು ತರಬಾರದು. ನೀವು ಇವುಗಳನ್ನು ಪರೀಕ್ಷೆ ಕೊಳಡಿಯೋಳಿಗೆ ತಂದಲ್ಲಿ ನಿಮ್ಮ ಅಧಿಕಾರಿಯನ್ನು ನೀವು ಕೇಳಬೇಕಳ್ಳುತ್ತಿರಿ.

- ಓ.ಆರ್. ಹಾಳೆಯಲ್ಲಿ ಬರೆಯಲು ಮತ್ತು ಉತ್ತರಗಳನ್ನು ಗುರುತಿಸಲು ಕಡ್ಡಾಯದಾಗಿ ನೀಲ ಅಥವಾ ಕಪ್ಪು ಬಣ್ಣದ ಬಾಲ್ ಪೆನ್ನನ್ನು ಉಪಯೋಗಿಸಿ.
- ಎಲ್ಲಾ 50 ಪ್ರಶ್ನೆಗಳ ಕಡ್ಡಾಯ ಮತ್ತು ಸಮಾನ ಅಂಕಗಳನ್ನು ಹೊಂದಿರುತ್ತೇ.
- ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯನ್ನು ತರೆಯುವ ಮೊದಲು ಅದರ ಜೊತೆಯಲ್ಲಿರುವ ಓ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯನ್ನು ಸುರಕ್ಷಿತವಾಗಿ ಹೊರಗಡೆ ತೆಗೆಯುವುದು ಮತ್ತು ಓ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯ ನಿಗದಿಕೆ ಸ್ಥಳದಲ್ಲಿ ನಿಮ್ಮ ಹೆಸರು, ನೋಂದಣಿ ಸಂಜ್ಯೆ ಮತ್ತು ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯನ್ನು ನೀವಿರಡಿಸಿದ ಕಲಂಗಳಲ್ಲಿ ಭಿತ್ತಿ ಮಾಡುವುದು ಹಾಗೂ ಓ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯ ನಿಗದಿಕೆ ಅಂಕಣಾದಲ್ಲಿ ಪರೀಕ್ಷೆ ಮೇಲೆ ತಾರರಕರ ಸಹಿ ಮಾಡಿಸುವುದು.
- ಪ್ರಶ್ನೆಗಳ ಬದಲಾಗಿ, ಉತ್ತರಗಳನ್ನು ಕೊಡಲಾಗಿದೆ. ಇವುಗಳಲ್ಲಿ ಒಂದು ಮಾತ್ರ ಪರಿಪೂರ್ಣ ಮತ್ತು ಸರಿಯಾದುದು. ಯಾವ ಉತ್ತರ ಪರಿಪೂರ್ಣ ಮತ್ತು ಸರಿ ಎಂದು ನಿವ್ವಧಾನಿಸುತ್ತಿರೋ ಅದನ್ನು ಓ.ಆರ್. ಹಾಳೆಯಲ್ಲಿನ ಉತ್ತರದ ವ್ಯತ್ಯಾಸನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ಗುರುತು ಮಾಡುವ ಮೂಲಕ ದಾಖಿಲಿ.
- ನಾಕಾರಾತ್ಮಕ ಅಂಕಣಾದಲ್ಲಿ. ಅದರೆ, ನೀವು ಒಂದಕ್ಕಿಂತ ಹೆಚ್ಚು ಉತ್ತರವನ್ನು ಒಂದು ಪ್ರಶ್ನೆಗೆ ನೀಡಿದರೆ, ಇವುಗಳನ್ನು ಮೌಲ್ಯಮಾರ್ಪಣ ಮಾಡುವಾಗ ತಪ್ಪಿ ಅಂತ್ಯ ಎಂದು ಪರಿಗೆರಿಸಿ, ಆ ಪ್ರಶ್ನೆಗೆ ಮೊನ್ಸೆ ಅಂಕವನ್ನು ನೀಡಲಾಗುವುದು. ಅದರಿಂದ, ಒಂದೆ ಉತ್ತರವನ್ನು ಗುರುತಿಸಿ.
- ಒಂದೆ ನಿವ್ವಧಾನಿಸಿದ ಉತ್ತರವು ತಜ್ಜ್ಞ ಸ್ಥಿತಿಯನ್ನು ನಿರ್ದಿಷ್ಟಿಸಿದ "ಸರಿಯಾದ ಉತ್ತರ" ಹಿಂದಿರುತ್ತಿರುತ್ತದೆ. ಅದರಿಂದ, ಅಂತ್ಯ ಅಂಕಗಳನ್ನು ನಿಮಗೆ ನೀಡಲಾಗುವುದು.
- ಓ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯನ್ನು ಮಾಡಬುದ್ದಾಗಲಿ, ಪರೆಯುವುದಾಗಲಿ ಅಥವಾ ಕೊಳೆ ಮಾಡುವುದಾಗಲಿ ಮಾಡಬಾರದು. ಓ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಅಂತ್ಯ ರೀತಿಯ ಗುರುತು ಮಾಡಬಾರದು.
- ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಒಂದಿನ ಪ್ರಷಾಂಕದ ಬಾಲಿ ಜಾಗವನ್ನು ನಿಮ್ಮ ಕರೆದು ಕೆಲಸಕ್ಕೆ ಉಪಯೋಗಿಸಬಹುದು.
- ಅಧಿಕಾರಿಗಳನ್ನು ಕಸ್ಯಾದ ಮತ್ತು ಅಂಗ್ಗ ಭಾವಗಳಲ್ಲಿ ನೀಡಲಾಗಿದೆ. ಅದರ ಕಸ್ಯಾದ ಅವೃತ್ತಿಯಲ್ಲಿ ಯಾವುದೇ ಅಂತ್ಯಕ್ಕೆ ಕಂಡುಬಂದಲ್ಲಿ, ಅಂಗ್ಗ ಭಾವದಲ್ಲಿ ಪ್ರಶ್ನೆಯನ್ನು ಸರಿಯಾದ ಪ್ರಶ್ನೆಯಿಂದ ಪರಿಗೆರಿಸಿ.
- ಮುಂದುವರೆಯಾಗಿ, ನಿಮಗೆ ರೂಫಾಗಳಿಗೆ.

[P.T.O.]





1. A forest watcher deposits Rs. 20,000 at 7.5% simple annual interest for a period of 3 years. What will be the amount he will receive at the end of 3 years ?  
 (A) Rs.22,500      (B) Rs. 23,500      (C) Rs. 24,500  
 (D) Rs. 25,500      (E) Rs. 26,500

2. What is the LCM (Least Common Multiple) of 12, 15, 20 ?  
 (A) 60      (B) 30      (C) 24      (D) 15      (E) 240

3. A watcher treks 600 metres of a forest trail in 5 minutes. What is his speed in kilometres/hour ?  
 (A) 3.6 kilometres/hour      (B) 7.2 kilometres/hour  
 (C) 8.4 kilometres/hour      (D) 9.6 kilometres/hour  
 (E) 10 kilometres/hour

4. Find the next number in the following sequence : 2, 5, 10, 17, 26, \_\_\_\_\_.  
 (A) 34      (B) 35      (C) 36      (D) 37      (E) 38

5. What is the resultant of  $11 \times (13 - 2 \times 5)$  ?  
 (A) - 1067      (B) 605      (C) 550      (D) 55      (E) 33

6. If  $(a + b) = 7$  and  $(a - b) = 3$ , then what is the value of  $a \times b$  ?  
 (A) 2      (B) 4      (C) 6      (D) 8      (E) 10

7. What is the resultant of  $[-85](0) - (-17)(3)$  ?  
 (A) 201      (B) - 136      (C) 136      (D) - 51      (E) 51

8. If January 15, 2016 falls on Friday, which day is March 16, 2016 ?  
 (A) Monday      (B) Tuesday      (C) Wednesday      (D) Thursday      (E) Friday

9. A book has 120 pages and each page contains 45 lines. If the book was to be reprinted with 24 lines per page, then how many pages would be there in the book ?  
 (A) 150      (B) 175      (C) 200      (D) 225      (E) 250

10. The price of 5 pens is Rs. 75. What is the cost of 8 pens ?  
 (A) Rs. 80      (B) Rs. 90      (C) Rs. 100      (D) Rs. 110      (E) Rs. 120

11. Ram has bought furniture for Rs. 2,730 which includes GST of 5%. What is the price of that furniture without GST ?  
 (A) Rs. 2,400      (B) Rs. 2,450      (C) Rs. 2,500      (D) Rs. 2,600      (E) Rs. 2,650

A

(2)



12. The seed dispersal of *Ficus benghalensis* (Ala tree) species is predominantly by which of the following agents ?  
(A) Wind      (B) Water      (C) Insects      (D) Animals      (E) Birds

13. Which of the following statements about goat and sheep is false ?  
(A) When healthy and calm, the tail of a sheep stands up whereas that of goat hangs down  
(B) While sheep prefer to eat grass, goats prefer to feed on leaves of shrubs and vines  
(C) When goats have horns, they are narrower and straighter compared to the horns sheep can have  
(D) Sheep prefer to stay in big groups whereas goats prefer to be independent or in small groups  
(E) Sheep have wool on their body whereas goat has body covered with hair

14. Cutch and katha are extracted from heartwood of which of the following trees (names of trees are as in Kannada) ?  
(A) Jali      (B) Bevu      (C) Kaggali  
(D) Srigandha      (E) Muthuga

15. Daroji wildlife sanctuary is declared for the protection of which animals/bird ?  
(A) Tiger (Huli)      (B) Black Buck (Krishna Mruga)  
(C) Leopard (Chirate)      (D) Sloth Bear (Karadi)  
(E) Great Indian Bustard

16. Recently declared conservation Reserve 'Kappatagudda' is located in which district ?  
(A) Haveri      (B) Vijayapura      (C) Koppal  
(D) Shivamogga      (E) Gadag

17. Which of the following tree species is/are banned by the Government of Karnataka for cultivation in both private and government lands in 2017 ?  
(A) Eucalyptus (Nilgiri) and Casuarina (Gali)  
(B) Casuarina (Gali) and Acacia auriculiformis  
(C) Acacia auriculiformis and Eucalyptus (Nilgiri)  
(D) Prosopis (Ballari jali) and Eucalyptus (Nilgiri)  
(E) Only Eucalyptus (Nilgiri)



18. The average height of 20 trees is 29 metres. If each tree was 3 metre taller, what will be the average height ?  
(A) 20 metres (B) 23 metres (C) 29 metres (D) 32 metres (E) 62 metres

19. A timber merchant purchased teak for Rs. 28,00,000 from Kushalnagar Government Timber Depot. He spent Rs. 2,00,000 as wages in making furniture out of it. He sold the furniture for Rs. 32,00,000. What is the percentage of profit/loss caused to the merchant on his investment ?  
(A) 6.66% (B) 13.33% (C) 14.28% (D) 15.33% (E) 17.28%

20. The girth of a section of a cylindrical Rosewood log is 189 cm. What is the nearest approximation of the diameter of the log ? (Using  $\pi = 3.14$ )  
(A) 60.2 cms (B) 30.1 cms (C) 25.5 cms (D) 94.5 cms (E) 15.5 cms

21. A bag contains equal number of 1-rupee coin/coins, 50 paise coin/coins and 25 paise coin/coins. If the total value of the amount is Rs. 875.00, how many coins were present in each category ?  
(A) 500 (B) 550 (C) 600 (D) 650 (E) 700

22. What is the square root of 1521 ?  
(A) 29 (B) 31 (C) 39 (D) 41 (E) 49

23. What is the value of  $(36^2 - 26^2)$  ?  
(A) 100 (B) 420 (C) 520 (D) 620 (E) 700

24. How many plants can be planted at a spacing of 2 mts.  $\times$  2 mts. in an area of one hectare ?  
(A) 1000 (B) 1500 (C) 2500 (D) 4000 (E) 4500

25. For raising of seedlings in nursery, the potting mixture of red earth, Farm Yard Manure (FYM) and sand is required in the ratio of 2:1:1 by weight. How much quantity of red earth is required to prepare 1.5 metric tonne of potting mixture ?  
(A) 375 Kg. (B) 500 Kg. (C) 750 Kg. (D) 875 Kg. (E) 1000 Kg.

26. In case of a father and son, today the father's age is thrice that of his son's age. Five years ago, the father's age was four times that of his son's age. What is the difference of the ages of father and son today ?  
(A) 40 years (B) 35 years (C) 30 years (D) 25 years (E) 20 years



27. Which of the following districts of Karnataka has its boundaries with more than one State ?

(A) Ballari (B) Raichur (C) Yadgir  
(D) Kodagu (E) Dakshina Kannada

28. The Elephant Tusk is a modification of which of the following type of teeth ?

(A) Canine (B) Pre-molar (C) Molar  
(D) Incisor (E) Wisdom teeth

29. Consider the following pugmarks.

Sign	Animal
I.	Tiger
II.	Wolf
III.	Hyena
IV.	Sloth Bear

Which of the above is/are correctly matched ?

(A) I only (B) II and III only (C) I, II and III only  
(D) I and III only (E) I and IV only

30. Which district is called as the 'Sugar bowl of Karnataka' ?

(A) Mandya (B) Belagavi (C) Bidar  
(D) Mysuru (E) Shivamogga

31. Age to become the member of Legislative Assembly is

(A) 21 (B) 25 (C) 30 (D) 18 (E) 28

32. The famous Appiko movement for Environmental Conservation was started in which district?

(A) Shivamogga (B) Chikkamagaluru (C) Mysuru  
(D) Kodagu (E) Uttara Kannada

33. Population of Siddhi tribe is mostly concentrated in which of the following Taluks of Karnataka ?

34. Which of the following is/are correctly matched ?

Water Fall	River
1. Jog Falls	Varahi
2. Mallalli Falls	Kumaradhara
3. Gaganachukki and Barachukki Falls	Lakshmanirtha
4. Iruppu Falls	Cauvery

Select and mark the answer using the codes :

- (A) 2 only
- (B) 1 and 4 only
- (C) 2 and 4 only
- (D) 1, 3 and 4 only
- (E) None of the four matchings are correct

35. Consider the following with respect to Karnataka

1. State Bird – Great Indian Hornbill
2. State Animal – Asian Elephant
3. State Tree – Banyan Tree
4. State Butterfly – Southern Bird Wing

Which of the above is correct ?

36. Which of the following regarding Sandalwood tree is/are correct ?

- I. It is a partial root parasite (B) (A)
- II. It bears fruits twice a year (C) (D)
- III. It is a total root parasite (B) (C)
- IV. All parts of the tree trunk are scented (A) (B)
- V. The tree can be sold only through Forest Department or to Karnataka Soap and detergent company (A) (B)

Mark the correct statements using the following codes :





**Forest Watcher : Key answer**

**Version -A**

<b>Question No.</b>	<b>Key answer</b>	<b>Question No.</b>	<b>Key answer</b>
1	C	26	C
2	A	27	D
3	B	28	D
4	D	29	A
5	E	30	B
6	E	31	B
7	E	32	E
8	C	33	A
9	D	34	C
10	E	35	D
11	D	36	C
12	E	37	E
13	C	38	E
14	C	39	C
15	D	40	E
16	E	41	E
17	E	42	D
18	D	43	B
19	A	44	C
20	B	45	D
21	A	46	E
22	C	47	E
23	D	48	C
24	C	49	E
25	C	50	A

