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# **Karnataka Forest Watcher**

**Previous Year Paper**  
**07 Oct, 2018**







FD↑18FW

A

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ಪರೀಕ್ಷಾ ಮೇಲ್ವಿಚಾರಕರು ನಿರ್ದೇಶನ ನೀಡಿದ ನಂತರವೇ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಪುಸ್ತಕವನ್ನು ತೆರೆಯತಕ್ಕದ್ದು.

Maximum Marks/ಗರಿಷ್ಠ ಅಂಕಗಳು : 100

Total Number of Questions/ಒಟ್ಟು ಪ್ರಶ್ನೆಗಳು : 50

Maximum Time/ಗರಿಷ್ಠ ಸಮಯ : 60 Minutes

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QUESTION PAPER BOOKLET SERIAL NO.

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**IMPORTANT INSTRUCTIONS**

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1. Only Blue or Black colour ball point pen should be used for marking answers and writing OMR Sheet.
2. All the 50 questions are compulsory and carry equal marks.
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6. 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.
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8. Blank space on back page of the question paper may be used for rough work.
9. 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.
10. So go ahead. Best of luck.

**ಬಹುಮುಖ್ಯ ಸೂಚನೆಗಳು**

ಪರೀಕ್ಷೆಯ ಸಮಯದಲ್ಲಿ ಮೊಬೈಲ್ ಫೋನ್ ಮತ್ತು ಕ್ಯಾಲ್ಕುಲೇಟರ್‌ಗಳನ್ನು ತರಬಾರದು. ನೀವು ಇವುಗಳನ್ನು ಪರೀಕ್ಷಾ ಕೊಠಡಿಯೊಳಗೆ ತಂದಲ್ಲಿ ನಿಮ್ಮ ಅಭ್ಯರ್ಥಿತ್ವವನ್ನು ನೀವು ಕಳೆದುಕೊಳ್ಳುತ್ತೀರಿ.

1. ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯಲ್ಲಿ ಬರೆಯಲು ಮತ್ತು ಉತ್ತರಗಳನ್ನು ಗುರುತಿಸಲು ಕಡ್ಡಾಯವಾಗಿ ನೀಲಿ ಅಥವಾ ಕಪ್ಪು ಬಣ್ಣದ ಬಾಲ್ ಪೆನ್‌ನ್ನು ಉಪಯೋಗಿಸಿ.
2. ಎಲ್ಲಾ 50 ಪ್ರಶ್ನೆಗಳು ಕಡ್ಡಾಯ ಮತ್ತು ಸಮಾನ ಅಂಕಗಳನ್ನು ಹೊಂದಿರುತ್ತವೆ.
3. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯನ್ನು ತೆರೆಯುವ ಮೊದಲು ಅದರ ಜೊತೆಯಲ್ಲಿರುವ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯನ್ನು ಸುರಕ್ಷಿತವಾಗಿ ಹೊರಗೆ ತೆಗೆಯುವುದು ಮತ್ತು ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯ ನಿಗದಿತ ಸ್ಥಳದಲ್ಲಿ ನಿಮ್ಮ ಹೆಸರು, ನೋಂದಣಿ ಸಂಖ್ಯೆ ಮತ್ತು ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಶ್ರೇಣಿಯನ್ನು ನಿಗದಿಪಡಿಸಿದ ಕೆಲಸಗಳಲ್ಲಿ ಭರ್ತಿ ಮಾಡುವುದು ಹಾಗೂ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯ ನಿಗದಿತ ಅಂಕಣದಲ್ಲಿ ಪರೀಕ್ಷಾ ಮೇಲ್ವಿಚಾರಕರ ಸಹಿ ಮಾಡಿಸುವುದು.
4. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ ಐದು ಉತ್ತರಗಳನ್ನು ಕೊಡಲಾಗಿದೆ. ಇವುಗಳಲ್ಲಿ ಒಂದು ಮಾತ್ರ ಪರಿಪೂರ್ಣ ಮತ್ತು ಸರಿಯಾದುದು. ಯಾವ ಉತ್ತರ ಪರಿಪೂರ್ಣ ಮತ್ತು ಸರಿ ಎಂದು ನೀವು ಭಾವಿಸುತ್ತೀರೋ ಅದನ್ನು ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯಲ್ಲಿನ ಉತ್ತರದ ವೃತ್ತವನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ಗುರುತು ಮಾಡುವ ಮೂಲಕ ದಾಖಲಿಸಿ.
5. ನಕಾರಾತ್ಮಕ ಅಂಕಗಳಿರುವುದಿಲ್ಲ. ಆದರೆ, ನೀವು ಒಂದಕ್ಕಿಂತ ಹೆಚ್ಚು ಉತ್ತರವನ್ನು ಒಂದು ಪ್ರಶ್ನೆಗೆ ನೀಡಿದರೆ, ಇವುಗಳನ್ನು ಮೌಲ್ಯಮಾಪನ ಮಾಡುವಾಗ ತಪ್ಪು ಆಯ್ಕೆ ಎಂದು ಪರಿಗಣಿಸಿ, ಆ ಪ್ರಶ್ನೆಗೆ ಶೂನ್ಯ ಅಂಕವನ್ನು ನೀಡಲಾಗುವುದು. ಆದ್ದರಿಂದ, ಒಂದೇ ಉತ್ತರವನ್ನು ಗುರುತಿಸಿ.
6. ಒಂದೊಮ್ಮೆ ನೀವು ಗುರುತಿಸಿದ ಉತ್ತರವು ತಪ್ಪು ಸ್ಥಿತಿತೆಯ ನಿರ್ಧಾರದ "ಸರಿಯಾದ ಉತ್ತರ"ಕ್ಕೆ ಹೊಂದಿಕೆಯಾಗುವುದಾದರೆ ಪೂರ್ಣ ಅಂಕಗಳನ್ನು ನಿಮಗೆ ನೀಡಲಾಗುವುದು.
7. ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯನ್ನು ಮಡಚುವುದಾಗಲಿ, ಹರಿಯುವುದಾಗಲಿ ಅಥವಾ ಕೊಳೆ ಮಾಡುವುದಾಗಲಿ ಮಾಡಬಾರದು. ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಅಸಭ್ಯ ರೀತಿಯ ಗುರುತು ಮಾಡಬಾರದು.
8. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಹಿಂದಿನ ಪುಟದ ಖಾಲಿ ಜಾಗವನ್ನು ನಿಮ್ಮ ಕರಡು ಕೆಲಸಕ್ಕೆ ಉಪಯೋಗಿಸಬಹುದು.
9. ಪ್ರಶ್ನೆಗಳನ್ನು ಕನ್ನಡ ಮತ್ತು ಆಂಗ್ಲ ಭಾಷೆಗಳಲ್ಲಿ ನೀಡಲಾಗಿದೆ. ಆದರೆ ಕನ್ನಡ ಆವೃತ್ತಿಯಲ್ಲಿ ಯಾವುದೇ ಅಸ್ಪಷ್ಟತೆ ಕಂಡುಬಂದಲ್ಲಿ, ಆಂಗ್ಲ ಭಾಷೆಯ ಪ್ರಶ್ನೆಯನ್ನು ಸರಿಯಾದ ಪ್ರಶ್ನೆಯೆಂದು ಪರಿಗಣಿಸಿ.
10. ಮುಂದುವರೆಯಿರಿ. ನಿಮಗೆ ಶುಭವಾಗಲಿ.

[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



Tiger



Wolf



Hyena



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 ?

- (A) Yellapur (B) Kollegal (C) Virajpet  
(D) Gundlupet (E) Udupi

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	Lakshmanthirtha
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 ?

- (A) 2 only (B) 1 and 2 only (C) 2, 3 and 4 only  
(D) 2 and 4 only (E) 1, 2 and 3 only

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

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

Mark the correct statements using the following codes :

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





37. Among the following animals, the figures of which of the following are found in the Emblem of India ?  
 (A) Bull, Deer and Eagle (B) Horse and Bull  
 (C) Elephant, Tiger and Bull (D) Deer and Elephant  
 (E) Tiger, Bull and Horse
38. The leaves of which of the following trees cannot be used in making leaf plates (patravali) on which food can be served ?  
 (A) Muthuga (B) Ala (Banyan) (C) Adike (Arecanut)  
 (D) Bale (Banana) (E) Bevu (Neem)
39. Match sanctuary and district from the following :
- |                                    |   |               |
|------------------------------------|---|---------------|
| i. Chincholi Wildlife Sanctuary    | - | 1. Kodagu     |
| ii. Cauvery Wildlife Sanctuary     | - | 2. Kalaburgi  |
| iii. Brahmagiri Wildlife Sanctuary | - | 3. Mandya     |
| iv. Gudavi Bird Sanctuary          | - | 4. Haveri     |
|                                    | - | 5. Shivamogga |
- Choose the correct answer :
- (A) i - 4, ii - 1, iii - 3, iv - 2 (B) i - 2, ii - 1, iii - 3, iv - 5  
 (C) i - 2, ii - 3, iii - 1, iv - 5 (D) i - 4, ii - 3, iii - 5, iv - 2  
 (E) i - 2, ii - 1, iii - 4, iv - 5
40. Which of the following is not in Karnataka ?  
 (A) Shiradi Ghat (B) Charmadi Ghat (C) Agumbe Ghat  
 (D) Bisle Ghat (E) Kasara Ghat
41. Which of the following is not a post in Karnataka Forest Department ?  
 (A) Forest Guard  
 (B) Deputy Range Forest Officer  
 (C) Range Forest Officer  
 (D) Assistant Conservator of Forests  
 (E) Deputy Director Social Forestry
42. In which of the following hills the Eastern Ghats and Western Ghats confluences ?  
 (A) Brahmagiri hills (B) Mullaiyangiri hills (C) Kemmangundi hills  
 (D) Biligirirangan hills (E) Kudremukh hills





43. What was the capital of the Western Ganga Dynasty ?  
 (A) Banavasi (B) Talakadu (C) Badami  
 (D) Hampi (E) Srirangapatnam
44. According to which of the following treaties, Tipu Sultan had to surrender half of his Kingdom to British East India Company and its allies in the Anglo – Mysore war ?  
 (A) The treaty of Mangalore (B) The treaty of Hyderabad  
 (C) The treaty of Srirangapatnam (D) The treaty of Madras  
 (E) The treaty of Mysore
45. Which of the following districts has largest area under cultivable land ?  
 (A) Mandya (B) Vijayapura (C) Belagavi (D) Kalburgi (E) Bagalkot
46. Which of the following rivers is/are east flowing and join/joins the Bay of Bengal?  
 I. Sharavathi  
 II. Pennar  
 III. Kumaradhara  
 IV. Tungabhadra  
 V. Kali
- Mark your answers as per the following codes :  
 (A) IV only (B) III only (C) II and III only  
 (D) I, II and V only (E) II and IV only
47. In a Forest Nursery, seedlings are arranged in 6 different blocks and each block contains 75 rows and 5 columns. How many seedlings are there in the nursery ?  
 (A) 3250 (B) 3000 (C) 2750 (D) 2500 (E) 2250
48. Which ruler is credited for spreading Jainism in Karnataka ?  
 (A) Ashoka (B) Bimbisara (C) Chandragupta Maurya  
 (D) Samparati (E) Shivamara I
49. 'Krishnadevaraya', the famous ruler of Vijayanagar Kingdom belonged to which dynasty ?  
 (A) Sangama dynasty (B) Saluva dynasty (C) Kadamba dynasty  
 (D) Aravidu dynasty (E) Tuluva dynasty
50. Vesara style of architecture was originally started by  
 (A) Chalukyas (B) Vijayanagar Empire (C) Rashtrakutas  
 (D) Hoysalas (E) Satavahanas



Forest Watcher : Key answer

Version -A

Question No.	Key answer	Question No.	Key answer
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