INSTRUCTIONS

Each question is printed both in English and in Kannada.

Answers must be written in the medium specified (English or Kannada) in the Admission Ticket issued to you, which must be stated clearly on the cover of the answer-book in the space provided for this purpose. No credit will be given for the answers written in a medium other than that specified in the Admission Ticket.

Candidates should attempt questions from all Sections.

The number of marks carried by each question is indicated at the end of the question.

The length of the answers should not, as far as possible, exceed the specification given at the end of each question.
SECTION - A

Note: Answer the following questions in about 200 words each.
(ii) Each question carries 20 marks.

1. Critically analyse the role played by Karnataka in the Freedom struggle of India. OR
Write a note on the cultural progress in modern Karnataka.

2. Bring out the implications of the US war against terror in South Asia. OR
Critically evaluate how India is trying to deal with the Pakistan sponsored cross-border terrorism since December 2001.

3. Answer any two of the following in about 100 words each: 2 × 10 = 20
(a) Write about Belur Temple.
(b) Bring out the historical significance of the Fourth Anglo-Mysore War.
(c) Explain the services rendered by Sir M. Visveswaraya as Dewan of Mysore.

4. Answer any two of the following in about 100 words each: 2 × 10 = 20
(a) Explain the Panchsheel Principle.
(b) Describe the paintings of Ajanta Caves.
(c) Write a brief note on Union Territories.

5. Write short notes on any four of the following: 4 × 5 = 20
(a) Electronic voting machine
(b) Non-aligned movement
(c) Round Table Conference
(d) Abdul Kalam
(e) Attorney General of India
(f) G.M.C. Balayogi.
<table>
<thead>
<tr>
<th>번호</th>
<th>내용</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.</td>
</tr>
<tr>
<td>2</td>
<td>만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.</td>
</tr>
<tr>
<td>3</td>
<td>만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.</td>
</tr>
<tr>
<td>4</td>
<td>만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.</td>
</tr>
<tr>
<td>5</td>
<td>만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.</td>
</tr>
<tr>
<td>6</td>
<td>만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.</td>
</tr>
<tr>
<td>7</td>
<td>만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.</td>
</tr>
<tr>
<td>8</td>
<td>만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.</td>
</tr>
<tr>
<td>9</td>
<td>만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.</td>
</tr>
<tr>
<td>10</td>
<td>만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.</td>
</tr>
</tbody>
</table>

영문

2001년에 만들어진 교외태극은 무슬림들 사이에서 분열을 일으키는 (Cross-border terrorism) 문제로 이어졌고, 이로 인해 무슬림들 사이의 불화가 일어나고 있다.

1. 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙. (20)

   (a) 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.
   (b) 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.
   (c) 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.

2. 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙. (20)

   (a) 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.
   (b) 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.
   (c) 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.
   (d) 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.

3. 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙. (40)

   (a) 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.
   (b) 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목적에서의 사용을 하지 않도록 하는 원칙.
   (c) 만장 정계, 부동산등, 산림 및 지적 재산 일부 등 상업적인 목
SECTION - B

Note:  
1) Answer the following questions in about 200 words each.
2) Each question carries 20 marks.

6. Explain the strategy of development through decentralization with reference to Karnataka.

OR

Highlight the main features of EXIM Policy of 2001-2002.

7. Describe the consequences of disinvestment of government owned enterprises.

OR

Give a latest status report on Kaveri water dispute between Tamil Nadu and Karnataka.

8. Describe the impact of globalization in India.

OR

Account for emergence of Bangalore as the premier software development centre in India.

9. Describe the factors that led to 'Narmada Bachao Andolan'.

OR

Give an account of assassination of Royal Family in Nepal.

10. Write short notes on any four of the following:

(a) Sydney Olympics
(b) Asia's performance in World Cup Football, 2002
(c) India's achievement in International Lawn Tennis
(d) Contribution of Karnataka to the Indian Cricket
(e) Decline of Indian's performance in International Hockey
(f) Match fixing.

11. Write short notes on any four of the following:

(a) U. R. Rao
(b) Aristotle
(c) Dr. Homi Bhabha
(d) Amartya Sen
(e) Naipaul
(f) B. D. Jatti.
1. The 2001-2002 policy was known as the EXIM Policy.

2. The disinvestment policy (Disinvestment) was implemented.

3. India faced a significant economic challenge in the 2000s.

4. The assassination of Indira Gandhi in 1984 was a significant event.

5. The 2008 financial crisis began.


8. The 2008 financial crisis led to a recession.


10. The 2008 financial crisis resulted in a significant increase in secondary employment.

(a) Aids epidemic
(b) Terrorism and extremism
(c) Political instability
(d) Social unrest
(e) Economic recession
(f) Match fixing

11. The 2008 financial crisis led to increased unemployment.

(a) High unemployment
(b) Poverty
(c) Increased inequality
(d) Societal unrest
(e) Political instability
(f) Aids epidemic

[Turn over]
**SECTION - C**

12. **Answer any two of the following:**

   \[2 \times 10 = 20\]

   (a) The sales of a TV Manufacturing Company are given below:

<table>
<thead>
<tr>
<th>Month</th>
<th>Last Year</th>
<th>This Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>100</td>
<td>98</td>
</tr>
<tr>
<td>February</td>
<td>104</td>
<td>103</td>
</tr>
<tr>
<td>March</td>
<td>105</td>
<td>104</td>
</tr>
<tr>
<td>April</td>
<td>109</td>
<td>107</td>
</tr>
<tr>
<td>May</td>
<td>109</td>
<td>108</td>
</tr>
<tr>
<td>June</td>
<td>110</td>
<td>110</td>
</tr>
<tr>
<td>July</td>
<td>111</td>
<td>110</td>
</tr>
<tr>
<td>August</td>
<td>111</td>
<td>111</td>
</tr>
<tr>
<td>September</td>
<td>112</td>
<td>111</td>
</tr>
<tr>
<td>October</td>
<td>114</td>
<td>112</td>
</tr>
<tr>
<td>November</td>
<td>115</td>
<td>120</td>
</tr>
<tr>
<td>December</td>
<td>120</td>
<td>126</td>
</tr>
</tbody>
</table>

   **Average:** 110 110

   From the above data, A concluded, "I am worried. In each of the first ten months this year, the sales have been lower than the corresponding months last year. The increase in the last two months is fortuitous."

   B concluded, "I am happy. In both the years, sales have steadily risen between January and December; this year even more than the last year."

   C concluded, "I do not bother the average performance. This year is no worse than last year."

   What do you conclude and why?

   (b) Represent the following data showing the value of exports and imports (in crores of rupees) by a graph:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Exports:</strong></td>
<td>26</td>
<td>32</td>
<td>35</td>
<td>47</td>
<td>52</td>
<td>57</td>
</tr>
<tr>
<td><strong>Imports:</strong></td>
<td>35</td>
<td>40</td>
<td>48</td>
<td>50</td>
<td>50</td>
<td>52</td>
</tr>
</tbody>
</table>

   Assuming the rate of growth of imports as well as exports to be uniform during each five-year period, find out the year after which the balance of trade became favourable.
12. ನೀಡಿದೆ ವಿವರಣಾವಲಿಯಲ್ಲಿ ಪ್ರತ್ಯೇಕ ವಿಷಯಗಳನ್ನು ಅಥವಾ ವಿಷಯಗಳು.

(a) ನೀಡಿದೆ ವಿವರಣಾವಲಿಯಲ್ಲಿ ಪ್ರತ್ಯೇಕ ವಿಷಯಗಳನ್ನು ಅಥವಾ ವಿಷಯಗಳು.

<table>
<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ಕೇಟ್ಟಾ</td>
<td>100</td>
<td>104</td>
<td>105</td>
<td>104</td>
</tr>
<tr>
<td>ಚೆನ್ನಾಗಿ</td>
<td>109</td>
<td>109</td>
<td>110</td>
<td>111</td>
</tr>
<tr>
<td>ಪ್ರೋಫೆಸರ್</td>
<td>110</td>
<td>110</td>
<td>111</td>
<td>111</td>
</tr>
<tr>
<td>ಸಾಮರ್ಥ್ಯ</td>
<td>110</td>
<td>111</td>
<td>112</td>
<td>114</td>
</tr>
<tr>
<td>ಮೇಲೆರಡಿ</td>
<td>112</td>
<td>111</td>
<td>112</td>
<td>115</td>
</tr>
<tr>
<td>ವಿಜ್ಞನ್ನು</td>
<td>120</td>
<td>120</td>
<td>126</td>
<td></td>
</tr>
</tbody>
</table>

(b) ನೀಡಿದೆ ವಿವರಣಾವಲಿಯಲ್ಲಿ ಉಂಟಾ ವಿವರಣೆಗಳನ್ನು ದೊರಕಣವಾಗಿ (ಹಿಂದಿನ ವಿಭಾಗಗಳು) ರೂಪಿಸಿಕೊಂಡರು.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ಸಾಮರ್ಥ್ಯ</td>
<td>26</td>
<td>32</td>
<td>35</td>
<td>47</td>
<td>52</td>
<td>57</td>
</tr>
<tr>
<td>ಮೇಲೆರಡಿ</td>
<td>35</td>
<td>40</td>
<td>48</td>
<td>50</td>
<td>50</td>
<td>52</td>
</tr>
</tbody>
</table>

ಅನುಕೂಲವಾಗಿ, ಉಳಿಯುವಂತೆ ನೀಡಿದೆ ವಿವರಣೆಗಳು ಉಂಟಾ ವಿವರಣೆಗಳನ್ನು ರೂಪಿಸಿಕೊಂಡರು. ವಿಭಾಗಗಳು ಕೂಡ ಮೇದಾರಾಗಿದ್ದು, ಹಾಗಿದ್ದು ವಿಭಾಗಗಳ ರೂಪಿಸಿಕೊಂಡರು.
The statistics available with the police authorities about the state of crime in an important city in India were as follows:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dacoities</td>
<td>8</td>
<td>39</td>
<td>50</td>
<td>23</td>
</tr>
<tr>
<td>Murders</td>
<td>110</td>
<td>102</td>
<td>105</td>
<td>119</td>
</tr>
<tr>
<td>Attempted Murders</td>
<td>150</td>
<td>114</td>
<td>196</td>
<td>167</td>
</tr>
<tr>
<td>Robberies</td>
<td>409</td>
<td>178</td>
<td>372</td>
<td>202</td>
</tr>
<tr>
<td>Riots</td>
<td>155</td>
<td>70</td>
<td>195</td>
<td>104</td>
</tr>
<tr>
<td>Snatching</td>
<td>199</td>
<td>141</td>
<td>197</td>
<td>112</td>
</tr>
<tr>
<td>Burglaries</td>
<td>2168</td>
<td>1458</td>
<td>1749</td>
<td>1532</td>
</tr>
</tbody>
</table>

The police authorities claim that crimes have come down in 2000 and the law and order position in the city is showing definite sign of improvement.

13. Answer any two of the following: 2 x 10 = 20

(a) Life expectancy of a region at various ages for the three consecutive decades are given below for male & female:

<table>
<thead>
<tr>
<th>Age of Persons</th>
<th>1st decade</th>
<th>2nd decade</th>
<th>3rd decade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td>Female</td>
<td>Male</td>
</tr>
<tr>
<td>0</td>
<td>32.5</td>
<td>31.7</td>
<td>41.9</td>
</tr>
<tr>
<td>10</td>
<td>40.0</td>
<td>39.5</td>
<td>45.2</td>
</tr>
<tr>
<td>20</td>
<td>33.0</td>
<td>32.9</td>
<td>37.0</td>
</tr>
<tr>
<td>30</td>
<td>26.6</td>
<td>26.2</td>
<td>29.0</td>
</tr>
<tr>
<td>40</td>
<td>20.5</td>
<td>21.1</td>
<td>22.1</td>
</tr>
<tr>
<td>50</td>
<td>14.9</td>
<td>16.2</td>
<td>16.5</td>
</tr>
<tr>
<td>60</td>
<td>10.1</td>
<td>11.3</td>
<td>11.8</td>
</tr>
</tbody>
</table>

Examine the trend of the increase in life expectancy of the people at various stages. Give conclusions on comparative longevity of males and females.
(c) ಸಂಖ್ಯೆ ವಿನ್ಯಾಸದ ಕ್ರಮೇಣ,
ಅಧಿಕಾರಿಗಳ ಪ್ರಮಾಣಗಳ ಕೋಲಾರಣದ ಮೇಲೆ ಪ್ರದರ್ಶಿಸಿದೆ.

<table>
<thead>
<tr>
<th>ವರ್ತುಲಸ್ವಾಮಿ</th>
<th>1997</th>
<th>1998</th>
<th>1999</th>
<th>2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>ಪ್ರವಾಹ</td>
<td>8</td>
<td>39</td>
<td>50</td>
<td>23</td>
</tr>
<tr>
<td>ಸಾಮರ್ಥ್ಯ</td>
<td>110</td>
<td>102</td>
<td>105</td>
<td>119</td>
</tr>
<tr>
<td>ಆಧ್ಯಾತ್ಮೀಯ ಸಮಯ</td>
<td>150</td>
<td>114</td>
<td>196</td>
<td>167</td>
</tr>
<tr>
<td>ಸಾಮರ್ಥ್ಯ</td>
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<td>178</td>
<td>372</td>
<td>202</td>
</tr>
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<td>ಪ್ರವಾಹ</td>
<td>155</td>
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<td>195</td>
<td>104</td>
</tr>
<tr>
<td>ಸಾಮರ್ಥ್ಯ</td>
<td>199</td>
<td>141</td>
<td>197</td>
<td>112</td>
</tr>
<tr>
<td>ಪರಾಮರ್ಶಣ</td>
<td>2168</td>
<td>1458</td>
<td>1749</td>
<td>1532</td>
</tr>
</tbody>
</table>

ಅಧಿಕಾರಿಗಳು, ವರ್ತುಲಸ್ವಾಮಿಗಳಿಗೆ 2000 ಅಂಗರುಳು ಹೊಂದಿದ್ದು, ವರ್ತುಲಸ್ವಾಮಿಗಳು ಮತ್ತು ಆಧ್ಯಾತ್ಮೀಯ ಸಮಯಗಳಲ್ಲಿ ವಿನ್ಯಾಸ ಮಾಡಿದರು. ಇದು ಪ್ರದರ್ಶಿಸಿದೆ.

13. (a) ಸಂಖ್ಯೆ ವಿನ್ಯಾಸದ ಸೂತ್ರ ಹೇಳುವುದು 2 x 10 = 20

(b) ಸಂಖ್ಯೆ ವಿನ್ಯಾಸದ ಸೂತ್ರ ಹೇಳುವುದು 2 x 10 = 20

<table>
<thead>
<tr>
<th>ಮೂಲೆಲೆ ರಾಶಿ</th>
<th>1ರೆಲೆ ಸಾಂಕೇತಿಕ ಸೂತ್ರ</th>
<th>2ರೆಲೆ ಸಾಂಕೇತಿಕ ಸೂತ್ರ</th>
<th>3ರೆಲೆ ಸಾಂಕೇತಿಕ ಸೂತ್ರ</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>32.5</td>
<td>41.9</td>
<td>40.4</td>
</tr>
<tr>
<td>10</td>
<td>40.0</td>
<td>45.2</td>
<td>43.8</td>
</tr>
<tr>
<td>20</td>
<td>33.0</td>
<td>37.0</td>
<td>35.8</td>
</tr>
<tr>
<td>30</td>
<td>26.6</td>
<td>29.0</td>
<td>27.9</td>
</tr>
<tr>
<td>40</td>
<td>20.6</td>
<td>22.1</td>
<td>22.4</td>
</tr>
<tr>
<td>50</td>
<td>14.9</td>
<td>16.5</td>
<td>17.5</td>
</tr>
<tr>
<td>60</td>
<td>10.1</td>
<td>11.3</td>
<td>11.8</td>
</tr>
</tbody>
</table>
(b) The following is a report on the accidents given by the Southern Railways:

The total number of accidents in Southern Railway in 1980 was 3,500. It decreased by 300 in 1981 and further decreased by 400 in 1982. The total number of accidents in the metre-gauge section was 245 in 1980, 346 in 1981 and 428 in 1982. In the metre-gauge section "not compensated cases" were 59, 77 and 108 for 1980, 1981 and 1982 respectively. "Compensated cases" in the broad-gauge section were 2867, 2587 and 2152 respectively for the three years.

Prepare a complete table from the above report.

(c) The following table shows the marks obtained by three students A, B and C in an examination:

<table>
<thead>
<tr>
<th>Students</th>
<th>Maximum marks in each subject</th>
<th>800</th>
<th>700</th>
<th>900</th>
<th>600</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>S₁</td>
<td>S₂</td>
<td>S₃</td>
<td>S₄</td>
<td>S₅</td>
</tr>
<tr>
<td>A</td>
<td></td>
<td>560</td>
<td>553</td>
<td>549</td>
<td>540</td>
<td>500</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td>480</td>
<td>420</td>
<td>540</td>
<td>360</td>
<td>600</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td>424</td>
<td>427</td>
<td>423</td>
<td>426</td>
<td>420</td>
</tr>
</tbody>
</table>

Determine which student have shown:

(i) most consistent performance and

(ii) most inconsistent performance.

14. Answer any four of the following:

(a) In an Assembly election out of one hundred seats 52 was won by party A, 26 by party B and 22 by party C. But out of total number of valid votes these parties secured 46%, 26% and 28% of votes respectively. How do you explain this phenomenon?

(b) In a class of 50 students the average marks obtained by them in a test were 40. Pass marks were 30. The average marks of the successful students were 45 and those of the failed ones were 20. What percentage of students failed?

(c) A manager wants to know the number of workers receiving wages between Rs. 2,200 and Rs. 5,800 from the information given below, supplied by his office:

<table>
<thead>
<tr>
<th>Wages (Rs. 00's)</th>
<th>0-10</th>
<th>10-20</th>
<th>20-30</th>
<th>30-40</th>
<th>40-50</th>
<th>50-60</th>
<th>60-70</th>
<th>70-80</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of workers</td>
<td>20</td>
<td>45</td>
<td>85</td>
<td>160</td>
<td>70</td>
<td>55</td>
<td>35</td>
<td>30</td>
</tr>
</tbody>
</table>

Help him.
(b) 1980 ರಲ್ಲಿ 3,500, 1981 ರಲ್ಲಿ 300 ಹೊಂದಿದ್ದರೆ, 1982 ರಲ್ಲಿ 245, 1983 ರಲ್ಲಿ 346, 1984 ರಲ್ಲಿ 428, 1985 ರಲ್ಲಿ 2867, 2587 ರಲ್ಲಿ 2152 ಹೊಂದಿದ್ದರೆ, 

(c) A, B, C ರಲ್ಲಿ ಹೊರಬಾರುವ ಕೊನೆಯ ಸಂಖ್ಯೆಗಳನ್ನು ಹೊಂದಿದ್ದರೆ, ಅದರ ಸಂಖ್ಯೆಗಳೂ ಕೂಡ ಹೊಂದಿದ್ದರೆ, 

<table>
<thead>
<tr>
<th>ಅಂಕೆಗಳು</th>
<th>800</th>
<th>700</th>
<th>900</th>
<th>600</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1</td>
<td>560</td>
<td>553</td>
<td>549</td>
<td>540</td>
<td>500</td>
</tr>
<tr>
<td>S2</td>
<td>480</td>
<td>420</td>
<td>540</td>
<td>360</td>
<td>600</td>
</tr>
<tr>
<td>S3</td>
<td>424</td>
<td>427</td>
<td>423</td>
<td>426</td>
<td>420</td>
</tr>
</tbody>
</table>

(i) ಈ ಕ್ರಮದಲ್ಲಿ ಸಂಖ್ಯೆಗಳು ಕೂಡ

(ii) ಈ ಸ್ಥಿತಿಯಲ್ಲಿ ಕೆಲವು ಸ್ಥಿತಿಗಳು

14. ಈ ಗ್ರಾಮದಲ್ಲಿ ಲಭ್ಯವಾಗಿರುವ ಸರಾಸರಿ ಬಾರಿ: 

   4 x 5 = 20

(a) 52 ಬಾರಿಗೆ A ಬಾರಿ, 26 ಬಾರಿಗೆ B ಬಾರಿ, 22 ಬಾರಿಗೆ C ಬಾರಿ. ಇದು ತುಮಕು 46%, 26% ಮತ್ತು 28% ನಗರಾಧಿಕಾರಿಗಳು ಸ್ಪರ್ಷದ ಈ ಗ್ರಾಮದಲ್ಲಿ ಬಾರಿನ ಪ್ರಮುಖತೆಯಾಗಿರುತ್ತದೆ. ಅಲ್ಲದೆ ತಮ್ಮ ಪ್ರಮುಖತೆಯಾಗಿ ಬಾರಿಯನ್ನು ನೋಡಿ?

(b) 50 ಬಾರಿಗೆಯಲ್ಲಿ ಬಾರಿಯ ಕೊಂದೆಗೆ, 40 ಬಾರಿಗೆಯಲ್ಲಿ ಬಾರಿಯ ಕೊಂದೆಗೆ, 30 ಬಾರಿಗೆಯಲ್ಲಿ ಬಾರಿಯ ಕೊಂದೆಗೆ. 30 ಬಾರಿಗೆಯಲ್ಲಿ ಬಾರಿಯ ಕೊಂದೆಗೆ 45 ಬಾರಿಗೆಯಲ್ಲಿ ಬಾರಿಯ ಕೊಂದೆಗೆ 20 ಬಾರಿಗೆಯಲ್ಲಿ ಬಾರಿಯ ಕೊಂದೆಗೆ. ಅಲ್ಲದೆ ನಗರಾಧಿಕಾರಿಗಳು ಬಾರಿಯ ಕೊಂದೆಗೆಯಲ್ಲಿ?

(c) 2,200 ಬಾರಿಗೆ 3,800 ಬಾರಿಗೆ, 20 ಬಾರಿಗೆ 45 ಬಾರಿಗೆ, 85 ಬಾರಿಗೆ 160 ಬಾರಿಗೆ, 160 ಬಾರಿಗೆ 70 ಬಾರಿಗೆ.

  | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 | 70-80 |
|-----|------|------|------|------|------|------|------|------|
| ಹೊಂದಿದ್ದು (ಕೆಲಸ) | 20   | 45   | 85   | 160  | 70   | 55   | 35   | 30   |

<table>
<thead>
<tr>
<th>0-10</th>
<th>10-20</th>
<th>20-30</th>
<th>30-40</th>
<th>40-50</th>
<th>50-60</th>
<th>60-70</th>
<th>70-80</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>45</td>
<td>85</td>
<td>160</td>
<td>70</td>
<td>55</td>
<td>35</td>
<td>30</td>
</tr>
</tbody>
</table>
(d) A card is drawn from a pack of playing cards and then another card is drawn without the first being replaced. What is the probability of drawing two aces?

(e) A supervisor claims the employee A is faster than employee B. The average time that A needs for a transaction is 60 seconds with a standard deviation of 3 seconds. The average time B needs for transaction is 65 seconds with a standard deviation of 2 seconds. Is the supervisor right?

(f) A heart patient advised to undergo surgery had heard a statement that 'every seventh heart operation resulted in fatality'. When he went to his surgeon he learnt that the surgeon has just completed six successful operations in a row. He refused to become the seventh patient. How would you explain the above statement to him to allay his fears?

15. Answer any four of the following:

(a) The following is a pie-diagram representing the values of exports of six commodities A, B, C, D, E & F in a country.

![Pie chart]

If the total value of exports is Rs. 9,600 crores, calculate the value of export of the commodities A, B, C, D, E & F respectively.

(b) The following table gives the number of runs scored by two batsmen A and B in the last five matches:

<table>
<thead>
<tr>
<th>Batsmen</th>
<th>Number of Runs</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>40  50  60  40  50</td>
</tr>
<tr>
<td>B</td>
<td>100 120  5   5   10</td>
</tr>
</tbody>
</table>

Which batsman would you prefer for inclusion in the team for the next match?
(d) ಅನುಕ್ರಮವಾಗಿ ಸೂತ್ರದ ಅಂಶಗಳನ್ನು ದೃಶ್ಯವಾಗಿ ಬರೆಯಿಕೊಂಡರೆ ಅದರ ಅಂಶಗಳ ಸರಿಸಂದರ್ಶಿಸಿ ಆಗುವಂತಹ ಅಂಶಗಳ ಸೂತ್ರದ ಉದ್ದೇಶ. ಅದು ನಂತರ ಆರಿಕೆಯ ಅಂಶದಲ್ಲಿ ಮರಮಿಯಾಗಿ ಅಂಗವಾಗುತ್ತದೆ?

(e) ಇಂಧನದ ಸೊಕ್ರೇಟಿಸ್ಟ್ ವೈರ್ಷಿಕ B R, ವೈರ್ಷಿಕ A ಹಾಗೂ ವೈಯಕ್ತಿ B ಹಾಗೂ ಅನೇಕ ಸಾಮಾನ್ಯವಾಗಿರುತ್ತದೆ. ಇಂಧನದಲ್ಲಿ A ನೀತಿಯಾದಿ ಸರಿಸಂದರ್ಶಿಸಿ ಅಂಗವಾಗುತ್ತದೆ. 3 ಸಾಮಾನ್ಯವಾಗಿ ಮರಮಿಯಾಗಿ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ 60 ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ B R. ಇಂಧನದ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ ಅಂಗವಾಗಿ ಮರಮಿಯಾಗಿ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ 65 ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ B R. ಇಂಧನದ ಉದ್ದೇಶ. ಅಂಗವಾಗಿರುತ್ತದೆ?

(f) ಇಂಧನದ ವಾಗಳಿಗೆ ಸೂತ್ರದ ಸ್ಥಾನದಲ್ಲಿರುವ ವಾಗಳವು ಅದರ ಉದ್ದೇಶ. ಅದರ ಉದ್ದೇಶ 'ಅಂಗವಾಗಿ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ' ಅಂಗವಾಗಿರುತ್ತದೆ. ಇಂಧನದ ವಾಗಳಿಗೆ ಸೂತ್ರದ ಸ್ಥಾನದಲ್ಲಿ ಕೇವಲ ಅಂಗವಾಗಿ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ ಅಂಗವಾಗಿ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ ಅಂಗವಾಗಿರುತ್ತದೆ. ಅಂಗವಾಗಿ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ ಅಂಗವಾಗಿರುತ್ತದೆ. ಇಂಧನದ ಉದ್ದೇಶ. ಅಂಗವಾಗಿ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ ಅಂಗವಾಗಿರುತ್ತದೆ?

15. ಈ ಹೇಳಿದ ಅನುಕ್ರಮವನ್ನು ಕಲ್ಪಿಸಿ ನಂತರ ನಾಲ್ಕು 4 x 5 = 20

(a) ಅನುಕ್ರಮವಾಗಿ A, B, C, D, E ಅವುಗಳು F ಅವುಗಳಿಗೆ ಹಳದಾಗಿ ವರ್ಗತಃ ಪ್ಯೂರ್ಯೇಟೆ (Pie-diagram) ರೂಪದಲ್ಲಿ ಬರೆಯುವುದು:

![Pie Chart Image]

ಇದು ಅನುಕ್ರಮವಾಗಿ ಬರೆಯಬೇಕು. 9,600 ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ A, B, C, D, E ಅವುಗಳಿಗೆ F ಅವುಗಳಿಗೆ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ 9,600 ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ.

(b) ಇಂಧನದ ವಾಗಳಿಗೆ ಸೂತ್ರದ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ A ಅವುಗಳಿಗೆ B ಅವುಗಳಿಗೆ. ಹಳದಾಗಿ ವರ್ಗತಃ ಪ್ಯೂರ್ಯೇಟೆಯನ್ನು ಬರೆಯಬೇಕು.

<table>
<thead>
<tr>
<th>ಅಂಶಗಳು</th>
<th>ಭಾಗಗಳು</th>
<th>ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ</th>
<th>50</th>
<th>60</th>
<th>40</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>40</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>100</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ಇದನ್ನು ವಾಗಳಿಗೆ ಸೂತ್ರದ ಸರಿಸಂದರ್ಶಿಸಿದ್ದೇ ಅಂಗವಾಗಿ ಮರಮಿಯಾಗಿ ಅಂಗವಾಗಿರುತ್ತದೆ?

[ Turn over }
(c) In a city, three daily newspapers A, B and C are published. 42% of the people in the city read A; 51% read B; 68% read C; 30% read A and B; 28% read B and C; 36% read A and C; 8% do not read any of these newspapers. Find the percentage of persons who read all the three papers.

(d) The probability that a contractor will get a plumbing contract is \( \frac{2}{3} \), and the probability that he will not get an electric contract is \( \frac{5}{9} \). If the probability of getting at least one contract is \( \frac{4}{5} \), what is the probability that he will get both the contracts?

(e) A bag contains 6 white, 4 red and 10 black balls. Two balls are drawn at random. Find the probability that they will both be black.

(f) What is the probability that a leap year, selected at random will contain 53 sundays?
(c) ಲೋಸ್ ನಿಯಮವೊಂದು ಹುಲುಪಾಯಾದ ಅ, ಬ್ಯಾಂಡ್ ವಿಮಾನ ರೈಲ್ವೇಸಿಗೆ ನೀಡಲಾಗುತ್ತದೆ. ರೈಲ್ವೇಸಿಪ್ಪಡಿಸಿದ 42% ವಿಭಾಗ A ರೈಲ್ವೇಸಿದ 51% ವಿಭಾಗ B ರೈಲ್ವೇಸಿದ 68% ವಿಭಾಗ C ರೈಲ್ವೇಸಿದ 30% ವಿಭಾಗ A ರೈಲ್ವೇಸಿದ 28% ವಿಭಾಗ B ರೈಲ್ವೇಸಿದ 36% ವಿಭಾಗ C ರೈಲ್ವೇಸಿದ 8% ವಿಭಾಗ D ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ನೀಡಲಾಗುತ್ತದೆ. ಇದು ರೈಲ್ವೇಸಿನ ಸಂಖ್ಯೆಯು ಬೆಳೆದ ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ನೀಡಲಾಗುತ್ತದೆ.

(d) ವೇಣುವ ಹುಲುಪಾಯಾದಿಗೆ ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು 2/3 ಮತ್ತು ಹುಲುಪಾಯಾದಿಗೆ ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಹುಲುಪಾಯಾದಿಗಳಿಗೆ 5/6 ಮತ್ತು. ಹುಲುಪಾಯಾದಿಗೆ ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಹುಲುಪಾಯಾದಿಗಳಿಗೆ 4/5 ಮತ್ತು. ಮರದ ಹುಲುಪಾಯಾದಿಗೆ ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುಪಾಯಾದಿಗಳಿಗೆ ಕೊರತ್ತು ಹುಲುpedia.com

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INSTRUCTIONS

Each question is printed both in English and in Kannada.

Answers must be written in the medium specified (English or Kannada) in the Admission Ticket issued to you, which must be stated clearly on the cover of the answer-book in the space provided for this purpose. No credit will be given for the answers written in a medium other than that specified in the Admission Ticket.

Candidates should attempt questions from all Sections.

The number of marks carried by each question is indicated at the end of the question.

The length of the answers should not, as far as possible, exceed the specification given at the end of each question.

[ Turn over ]
SECTION - A

Note: i] Answer the following questions in about 200 words each.
ii] Each question carries 20 marks.

1. Explain the urgency and areas of electoral reform.  
   
   OR
   
   Critically examine the role played by Mrs. Indira Gandhi in the history of Modern India.

2. What is 'Tehelka'? Give an account of its revelations.  
   
   OR
   
   Critically examine relationship between Ministers and Civil Services in India with a special reference to Karnataka.

3. Answer any two of the following in about 100 words each:  
   2 x 10 = 20
   
   (a) Discuss emergency powers of the President of India.
   
   (b) Explain the process of law making by the Indian Parliament.
   
   (c) Examine the role of Governor in India.

4. Answer any two of the following in about 100 words each:  
   2 x 10 = 20
   
   (a) Discuss the major issues that influenced the outcome of the last Assembly Elections in Karnataka.
   
   (b) Critically analyse the Union Budget for the Year 2002-2003.
   
   (c) Evaluate administrative relations between the Union and States.

5. Write short notes on any four of the following in 50 words each:  
   4 x 5 = 20
   
   (a) The Missiles developed by the Indian Scientists
   
   (b) POTA
   
   (c) Referendum in Pakistan
   
   (d) National Water Policy, 2002
   
   (e) Tourist Centres of Karnataka
   
   (f) Al-Qaida.
1. "ಕನ್ನಡ ಸಾಹಿತ್ಯ"  ಶಾಖೆಯ ಸಂಸ್ಥೆಗಳು 100 ಸಂಸ್ಥೆಗಳಿಗೆ 200 ರೂಪಾಯಿಗಳಿಗೆ  ಕರೆಯಲಾಗುತ್ತದೆ.

2. "ಮಾಹಿತಿ"  ಶಾಖೆಯೊಂದಿಗೆ? "ಮಾಹಿತಿ" ಶಾಖೆಯೊಂದಿಗೆ 20 ರೂಪಾಯಿಗಳಿಗೆ  ಕರೆಯಲಾಗುತ್ತದೆ.

3. (a) "ಕನ್ನಡ ಸಾಹಿತ್ಯ"  ಶಾಖೆಯ ಕರೆಯಲಾಗುತ್ತದೆ 100 ರೂಪಾಯಿಗಳಿಗೆ  (Process of law-making)  ಮರು 20
(b) "ಮಾಹಿತಿ" ಶಾಖೆಯ ಕರೆಯಲಾಗುತ್ತದೆ (Process of law-making)  ಮರು 20
(c) "ಮಾಹಿತಿ" ಶಾಖೆಯ ಕರೆಯಲಾಗುತ್ತದೆ  (Process of law-making)  ಮರು 20

4. (a) "ಮಾಹಿತಿ" ಶಾಖೆಯ ಕರೆಯಲಾಗುತ್ತದೆ 100 ರೂಪಾಯಿಗಳಿಗೆ  (Process of law-making)  ಮರು 20
(b) 2002-2003 ಬ್ಯಾಡ ಸಮಾಧಾನ ಸಮಾನ ಅಡಿ (Union Budget) ಮರು, "ಮಾಹಿತಿ" ಶಾಖೆಯ ಕರೆಯಲಾಗುತ್ತದೆ.
(c) "ಮಾಹಿತಿ" ಶಾಖೆಯ ಕರೆಯಲಾಗುತ್ತದೆ (Process of law-making)  ಮರು 20

5. (a) "ಮಾಹಿತಿ" ಶಾಖೆಯ ಕರೆಯಲಾಗುತ್ತದೆ 50 ರೂಪಾಯಿಗಳಿಗೆ  (Process of law-making)  ಮರು 20
(b) POTA
(c) "ಮಾಹಿತಿ" ಶಾಖೆಯ ಕರೆಯಲಾಗುತ್ತದೆ (Process of law-making)  ಮರು 20
(d) "ಮಾಹಿತಿ" ಶಾಖೆಯ ಕರೆಯಲಾಗುತ್ತದೆ (Process of law-making)  ಮರು 20
(e) "ಮಾಹಿತಿ" ಶಾಖೆಯ ಕರೆಯಲಾಗುತ್ತದೆ (Process of law-making)  ಮರು 20
(f) "ಮಾಹಿತಿ" ಶಾಖೆಯ ಕರೆಯಲಾಗುತ್ತದೆ (Process of law-making)  ಮರು 20

[ Turn over ]
SECTION - B

Note: i) Answer the following questions in about 200 words each.
ii) Each question carries 20 marks.

6. "Indian economy during the new economic policy regime appears to have helped too few at the cost of very many." Examine the statement with special reference to Karnataka. 20

OR

Analysed the relative importance of domestic investment and foreign investment in Indian economic development during the 1990’s.

7. Explain the implementation of land reforms in Karnataka beginning with the Jatti Committee recommendations. 20

OR

Why is World Trade Organisation (W.T.O.) considered inappropriate to the needs of countries like India? Do you think India can quit W.T.O. at this stage?

8. Give an account of cropping pattern in Karnataka. 20

OR

Write an essay on geo-political importance of Kashmir.

9. Write short notes on any four of the following: 4 × 5 = 20
(a) Almatti controversy
(b) Lakhdawala Formula
(c) First National Human Development Report
(d) National Treatment and International Treatment under W.T.O.
(e) Significance of Malnadu Region
(f) Gadgil formula.

10. Write short notes on any four of the following: 4 × 5 = 20
(a) Bangalore-Mysore corridor
(b) Konkan Railway
(c) Development of biotechnology in Karnataka
(d) INSAT
(e) Chipko movement
(f) Drought prone areas in Karnataka.
6. 'रंगर विषयाचे अरुणाचल, परतोत सहजतेने अरुणाचल, रंगर विषयात रंगते, ता रंगर
dावाता अरुणाचलाते होय.' सर्वसाधारण जनसंघाने ते तत्कालीन 20
लाखात.

7. 1990 मध्ये तात्काळिक हाताचे नाही, नाहीत तात्काळिक भारतीय
अरुणाचल प्रदेशात शासनार्थक विविधतेचे 20
लाखात.

8. तरुणाचे शहर विषयात, जेवण अथवा जनजीवनातील 20
साधने असल्यास अरुणाचल प्रदेशात वर्तमानी राष्ट्रीय ( W.T.O. )
सर्व अवधारणाएँ ? ते लागू करण्यासाठी आर्थिक वाणिज्यात W.T.O. असल्यास त्याची अपवादतृतीय 20
सर्व अवधारणाएँ ?

9. कुठल्या काही विविधतांच्या माध्यमातून वाचा: 4 x 5 = 20
(a) भावात, भावात
(b) भारतात रंगते?
(c) कोणतीही बांधकाम संस्थेच्या माध्यमातून?
(d) भारतात वाणिज्यात रंगते, W.T.O. असल्यास वाणिज्यात वाणिज्यात?
(e) वाणिज्यात रंगते, वाणिज्यात?
(f) रंग केले?

10. कुठल्या काही विविधतांच्या माध्यमातून वाचा: 4 x 5 = 20
(a) महाराष्ट्रात — उडायाचे परिसर ( Corridor )
(b) तंदूर तेजस
(c) सर्वार्थात, तंदूर-उडायात उडायेचा
(d) इंसाट ( INSAT )
(e) इंसाट, इंसाट
(f) इंसाटाचे अरुणाचलात उडाय
SECTION – C

11. Discuss the National Health Programme activities.

OR

Specify the programmes implemented by Science & Technology towards socio-economic development.

12. Discuss the current scenario of biotechnology in India.

OR

Discuss rain water harvesting. Describe its relevance in Indian context.

13. Answer any two of the following in 100 words each : 2 \times 10 = 20

(a) Give an account of the importance of Western Ghats
(b) Discuss Anthrax as a weapon of bioterrorism.
(c) Discuss the importance of Internet and the services rendered through it.

14. Write short notes on any four of the following in about 50 words each : 4 \times 5 = 20

(a) Greenhouse effect
(b) LASER
(c) Intellectual Property Rights
(d) B1 Cotton controversy in Karnataka
(e) Animal cloning
(f) Mite problem.

15. Write short notes on any four of the following in about 50 words each : 4 \times 5 = 20

(a) Acid rain
(b) AIDS
(c) Fluorosis
(d) CNG
(e) Computer virus
(f) Kyatanur Forest Disease (KFD).
11. The entered values are valid. Submit now.

12. Submit results

13. Enter the following values:

   (a) Name of the person
   (b) Address
   (c) Email ID

14. List the following:

   (a) Greenhouse effect
   (b) LASER
   (c) Animal cloning
   (d) Mite problem

15. List the following:

   (a) Acid rain
   (b) AIDS
   (c) CNG
   (d) KFD