FIRST TERM EXAMINATION, 2011–2012

ECONOMICS

CLASS-XI

M.M. : 95

GENERAL INSTRUCTIONS:

- All questions are compulsory.
- Q. Nos. 1-5 and Q. Nos. 17-19 are very short answer type questions, carrying 1 mark each.
- Q. Nos. 6-10 and Q. Nos. 20-24 are short answer type questions, carrying 3 marks each. Their word limit is 60-70 words.
- Q. Nos. 11-13 and Q. Nos. 25-26 are short answer type questions, carrying 4 marks each. Their word limit is 70-80 words.
- Q. Nos. 14-16 and Q. Nos. 27-29 are long answer type questions, carrying 6 marks each. Their word limit is 100-110 words.
- All numerical problems are free from word limit.

SECTION-A (STATISTICS FOR ECONOMICS)

1. Mention two characteristics of economic resources. (1)
2. Name two agencies at the national level which collect, process and tabulate the statistical data. (1)
3. State the relative position of mean in case of symmetrical distribution. (1)
4. Age of 5 students is 22, 24, 26, 21, 20. Find the modal age. (1)
5. What is inter quartile range? (1)
6. “Statistical methods are no substitute for common sense.” Comment. (3)
7. Show that the algebraic sum of deviations of a given set of observations from their mean is zero. (3)
8. Compute mode from the following series: (3)

<table>
<thead>
<tr>
<th>Mid values</th>
<th>5</th>
<th>10</th>
<th>15</th>
<th>20</th>
<th>25</th>
<th>30</th>
<th>35</th>
<th>40</th>
<th>45</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>7</td>
<td>13</td>
<td>19</td>
<td>24</td>
<td>32</td>
<td>28</td>
<td>17</td>
<td>8</td>
<td>6</td>
</tr>
</tbody>
</table>

9. Find out quartile deviation from the following distribution: (3)

<table>
<thead>
<tr>
<th>Wages</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>
</tr>
</thead>
<tbody>
<tr>
<td>Workers</td>
<td>5</td>
<td>3</td>
<td>7</td>
<td>5</td>
<td>10</td>
<td>3</td>
<td>2</td>
</tr>
</tbody>
</table>

10. Give the meaning of the following:
    1. Dispersion
    2. Median
    3. Standard deviation (3)

P.T.O.
11. Calculate median:

<table>
<thead>
<tr>
<th>Marks</th>
<th>0-5</th>
<th>5-10</th>
<th>10-15</th>
<th>15-20</th>
<th>20-25</th>
<th>25-30</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Students</td>
<td>4</td>
<td>6</td>
<td>3</td>
<td>8</td>
<td>12</td>
<td>7</td>
</tr>
</tbody>
</table>

Or

Calculate mean:

<table>
<thead>
<tr>
<th>Class Interval</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>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>5</td>
<td>7</td>
<td>12</td>
<td>8</td>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>

12. Distinguish between absolute dispersion and relative dispersion.

13. Calculate standard dispersion:

<table>
<thead>
<tr>
<th>Class Interval</th>
<th>10-20</th>
<th>20-30</th>
<th>30-40</th>
<th>40-50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>13</td>
<td>16</td>
<td>8</td>
<td>5</td>
</tr>
</tbody>
</table>

14. Distinguish between:

(1) Primary data and secondary data.

(2) Census method and sample method.

OR

(1) Distinguish between sampling and non-sampling errors.

(2) What is meant by pilot survey? Explain its usefulness.

15. Calculate co-efficient of mean deviation for median from the following data:

<table>
<thead>
<tr>
<th>Class Interval</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>Frequency</td>
<td>18</td>
<td>16</td>
<td>15</td>
<td>12</td>
<td>18</td>
<td>5</td>
<td>3</td>
<td>2</td>
</tr>
</tbody>
</table>

16. The score of two batsman A and B in five innings during certain matches are:

<table>
<thead>
<tr>
<th></th>
<th>25</th>
<th>85</th>
<th>40</th>
<th>80</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>50</td>
<td>70</td>
<td>65</td>
<td>45</td>
<td>80</td>
</tr>
</tbody>
</table>

Find out who is better run scorer and who is more consistent.

SECTION-B (INDIAN ECONOMIC DEVELOPMENT)

17. Define occupational structure.

18. What is marketed surplus?

19. What is meant by inward looking trade policy?

20. Define tariff and non-tariff barrier.


22. What is meant by green revolution? Why was it implemented and how did it benefit the farmers? Explain briefly.
23. Why did India for economic planning?


25. Write a note on Navratna Policy adopted by government in the IPR 1991. OR
   Classify the following as direct tax or indirect tax, with reason:

26. What were the main cause of India's agricultural stagnation during the colonial period?

27. Is there any relationship between unemployment and poverty? Explain. OR
   Critically evaluate poverty alleviation programmes started by the government.

28. (1) What was the two fold motive behind the systematic de-industrialisation effected by the British in pre-independent India?
   (2) The traditional handicrafts industries were ruined under the British rule. Do you agree with this view? Give reasons to support your answer.

29. (1) What is meant by outsourcing? Do you think outsourcing is good for India? Why are the developed countries opposing it?
   (2) India has certain advantages which makes it a favourite outsourcing destination. What are these advantages?

30. Explain various economic and non-economic factors behind poverty. OR
   What is the three dimensional attack on poverty adopted by the government of India. Explain.