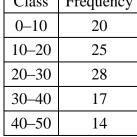


UNIVERSITY OF NORTH BENGAL B.Sc. Honours 2nd Semester Examination, 2022

CC4-TEA SCIENCE

| Tiı | ne A | llotted: 2 Hours | | | | Full Marks: 40 |
|-----|--|--|-------------|------------------|-------------------|--------------------|
| | | The figu | ures in the | e margin indicat | e full marks. | |
| 1. | | Answer any <i>five</i> from the follo | owing: | | | 1×5 = 5 |
| | (a) | What do you mean by biostatis | stics? | | | |
| | (b) | Who invented computer? | | | | |
| | (c) | What is the full form of ROM? | ? | | | |
| | (d) | What is sample? | | | | |
| | (e) | Name two output devices? | | | | |
| | (f) | What is computer? | | | | |
| | (g) | What is the importance of stan | dard dev | viation? | | |
| | (h) | What is modal class? | | | | |
| 2. | | Answer any <i>three</i> from the following | lowing: | | | 5×3 = 15 |
| | (a) | Write a short note on architect | ure of co | mputer. | | 5 |
| | (b) | Write a short note on system se | oftware. | | | 5 |
| | (c) | Write a note on different types | of netw | ork. | | 5 |
| | (d) | Calculate mean, mode and med | dian fror | n the data pro | ovided. | 5 |
| | | Length in cm: 9, 8, 7, 6, 4, 3, 5 | 5, 9, 11, | 14, 6, 5, 8, 7, | 3, 5, 4, 2, 12, 1 | |
| | (e) | Write about merits and demeri | ts of me | an and mode. | | 5 |
| 3. | Answer any <i>two</i> from the following: | | | | | $10 \times 2 = 20$ |
| | (a) | Write in details about input de | vice. | | | 10 |
| | (b) | Write in details about network | structur | e. | | 10 |
| | (c) Calculate mean, mode, median and standard deviation from the following data: | | | | 10 | |
| | | | Class | Frequency | | |
| | | | 0 10 | 20 | | |



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(d) Calculate chi-square from the following data comparing with the ratio 1:2:1.

| Class | No. of Seeds |
|-------|--------------|
| А | 38 |
| В | 79 |
| С | 43 |

[The value at 5% level of significance is 3.84]

Comment on your answer about the acceptability of the result.

—×——