



BRAINWARE UNIVERSITY

Term End Examination 2022

Programme – BCA-2018/BCA-2022

Course Name – Problem Solving using Computer

Course Code - BCSE010602/BCAC101

(Semester I)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Which of the following structures are used in computer programming?
- | | |
|----------------|------------------|
| a) Sequential | b) decision |
| c) Timesharing | d) None of these |
- (ii) Indentation in a program is
- | | |
|--|-------------------|
| a) Improves its reliability and understanding. | b) Is compulsory. |
| c) Both a & b | d) None of these |
- (iii) What is Algorithm?
- | | |
|---|-----------------|
| a) Step by step execution of the program. | b) Object file. |
| c) Executable file. | d) Source file. |
- (iv) Which of the following is an invalid variable?
- | | |
|----------------|------------------|
| a) my_string_1 | b) 1st_string |
| c) Foo | d) None of These |
- (v) What is the answer to this expression, $22 \% 3$ is?
- | | |
|------|------|
| a) 7 | b) 1 |
| c) 0 | d) 5 |
- (vi) Which of the following cannot be a variable?
- | | |
|----------|-------|
| a) _int_ | b) in |
| c) it | d) on |
- (vii) If $a='cpp'$, $b='buzz'$ then which of the following operation would show 'cppbuzz' as output?
- | | |
|---------------|-----------------|
| a) $a+b$ | b) $a+''+b$ |
| c) $a+''''+b$ | d) All of these |
- (viii) What will be the output of the following Python code? $i = 1$ while True: if $i \% 3 == 0$:
break print(i) $i = 1$
