



# BRAINWARE UNIVERSITY

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Brainware University  
Barasat, Kolkata -700125

Term End Examination 2023

Programme – B.Sc.(ANCS)-Hons-2020

Course Name – Vulnerability Analysis / Penetration Testing

Course Code - BNCSD601B

( Semester VI )

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) \_\_\_\_\_ is time based SQL injection attack. Illustrate.
- |                        |                         |
|------------------------|-------------------------|
| a) Quick detection     | b) Initial Exploitation |
| c) Blind SQL Injection | d) Inline Comments      |
- (ii) Which of the following is the correct extension of the Python file? Identify.
- |            |        |
|------------|--------|
| a) .python | b) .pl |
| c) .py     | d) .p  |
- (iii) Which of the following is not a core data type in Python programming? Discover.
- |               |          |
|---------------|----------|
| a) Tuples     | b) Lists |
| c) Dictionary | d) Class |
- (iv) What arithmetic operators cannot be used with strings in Python? Discover.
- |      |                         |
|------|-------------------------|
| a) * | b) +                    |
| c) – | d) All of the mentioned |
- (v) Which of the following functions clears the regular expression cache? Identify.
- |               |              |
|---------------|--------------|
| a) re.sub()   | b) re.pos()  |
| c) re.purge() | d) re.subn() |
- (vi) Which of the following is incorrect? Identify how Algorithms can be represented:
- |                    |                  |
|--------------------|------------------|
| a) as pseudo codes | b) as syntax     |
| c) as programs     | d) as flowcharts |
- (vii) The ARP protocol operates on which layer of the OSI model? Discover.
- |             |              |
|-------------|--------------|
| a) Physical | b) Data Link |
| c) Network  | d) Transport |
- (viii) In which year ARP was defined first time in Request for Comment? Identify.
- |         |         |
|---------|---------|
| a) 1982 | b) 1992 |
| c) 2002 | d) 2012 |
- (ix) Which of the following RFC number is used for ARP? Identify.
- |           |           |
|-----------|-----------|
| a) RFC820 | b) RFC822 |
| c) RFC824 | d) RFC826 |

