**AL BASITH TRUST**

**Date :**15-09-2019 **TEST ID: 731**

**Time :** 05:51:00 **MATHEMATICS**

**Marks :** 351

1. DIFFERENTITATION

**Single Correct Answer Type**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. | If , then is equal to | | | | | | | |
|  | a) |  | | | | | | |
|  | b) |  | | | | | | |
|  | c) |  | | | | | | |
|  | d) | None of these | | | | | | |
| 2. | The derivative of is | | | | | | | |
|  | a) |  | b) |  | c) |  | d) |  |
| 3. | The value of differentiation of with respect to at is | | | | | | | |
|  | a) |  | b) | 0 | c) |  | d) | 1 |
| 4. | If then is | | | | | | | |
|  | a) |  | b) |  | c) |  | d) |  |
| 5. | If with | | | | | | | |
|  | a) |  | b) |  | c) |  | d) |  |
| 6. | If , then is equal to | | | | | | | |
|  | a) |  | b) | 1 | c) | 0 | d) |  |
| 7. | The derivative of w.r.t. is | | | | | | | |
|  | a) |  | b) |  | c) |  | d) |  |
| 8. | If | | | | | | | |
|  | a) |  | b) |  | c) |  | d) |  |
| 9. | If | | | | | | | |
|  | a) |  | b) |  | c) |  | d) |  |
| 10. | If is equal to | | | | | | | |
|  | a) |  | b) |  | c) |  | d) |  |
| 11. | If then the value of is | | | | | | | |
|  | a) | 0 | b) |  | c) | 1 | d) | 2 |
| 12. | If then at is equal to | | | | | | | |
|  | a) |  | b) |  | c) |  | d) |  |
| 13. | If is equal to | | | | | | | |