**MID- TERM EXAM-2021**

**FORM 2 Marking scheme**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1. | NO | | STD | LOG | | M1  M1  M1  A1 |  |
| 72.56  0.64  1.845  2.390 | | 7.256X101  6.4X10-1  1.845X100  2.390×100 | 1 .8607  .8062 | |
| 1.6669  0.2660×2  0.5320 | |
| 1.1349×  0.3783 | |
| 2. | X+X+2+X+4=219  3X=213  X=71  71,73,75 | | | | | M1  M1  A1 |  |
| 3. | 1. 100000x77.24   Ksh. 7724000  =63171.669 sterling pound | | | | | M1  A1  M1  A1 |  |
| 4. | X3.142X25X12  =314.2cm2  314.2= 3.142Xr3  r3=75  r=4.217cm  S.A =4x3.142x4.1422  =223.52cm2 | | | | | M1  M1  M1  A1 |  |
| 5. | =42 | | | | | M1  A1 |  |
| 6. | 6x2-13x+6=0  -9,-4  6x2-4x-9x+6=0  2x(3x-2)-3(3x-2)=0  X= or x= | | | | |  | M1  M1  A1 |
| 7. | 4X X | | | | |  | M1  A1 |
| 8. | NO | STD | | | LOG | M1  M1  A1 |  |
| 11.45  Sin38.3  7.096 | 1.145x101  7.096x100 | | | 1.0588  .7922 |
| 0.8510 |
|  |
| 9. | 185.1=9x0.5Xa2sin40  =a2  575.93=a2  A=8cm | | | | | M1  M1  A1 |  |
| 10. | C:\Users\Anestar Premier High\Desktop\IMG_20180516_131449.jpg  C:\Users\Anestar Premier High\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\IMG_20180523_103054.jpg | | | | | | |
| C:\Users\Anestar Premier High\Desktop\IMG_20180516_130042.jpg | | | | | | | |
| 13.  C:\Users\Anestar Premier High\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\IMG_20180516_130115.jpg | | | | | | | |