# Mathematics Fsc Part 1 Online Test

| Sr | Questions | Answers Choice |
|---|---|---|
| 1 | Question Image | A. 3×2<br>B. 2×3<br>C. 2×2<br>D. 3×3 |
| 2 | Question Image | A. 3×1<!--[if gte msEquation 12]><m:oMathPara><m:oMath><m:d><m:dPr><m:begChr m:val="["/><m:endChr m:val="]"/><span style='font-size:16.0pt;mso-ansi-font-size: 16.0pt;mso-bidi-font-size:16.0pt;font-family:"Cambria Math","serif"; mso-ascii-font-family:"Cambria Math";mso-fareast-font-family:"Times New Roman"; mso-fareast-theme-font:minor-fareast;mso-hansi-font-family:"Cambria Math"; mso-bidi-font-family:"Calibri Light";mso-bidi-theme-font:major-latin; color:#202124;background:white;font-style:italic;mso-bidi-font-style:normal'><m:ctrlPr></m:ctrlPr></m:dPr><m:e><m:m><m:mPr><m:mcs><m:mc><m:mcPr><m:count m:val="1"/><m:mcJc m:val="center"/></m:mcPr></m:mc></m:mcs><span style='font-size:16.0pt;mso-ansi-font-size:16.0pt;mso-bidi-font-size: 16.0pt;font-family:"Cambria Math","serif";mso-ascii-font-family:"Cambria Math"; mso-fareast-font-family:"Times New Roman";mso-fareast-theme-font:minor-fareast; mso-hansi-font-family:"Cambria Math";mso-bidi-font-family:"Calibri Light"; mso-bidi-theme-font:major-latin;color:#202124;background:white; font-style:italic;mso-bidi-font-style:normal'><m:ctrlPr></m:ctrlPr></m:mPr><m:mr><m:e></m:e></m:mr><m:mr><m:e></m:e></m:mr><m:mr><m:e></m:e></m:mr></m:m></m:e></m:d></m:oMath></m:oMathPara><![endif]--><!--[if !msEquation]--><span style="font-size:11.0pt;line-height:150%;font-family:"Calibri","sans-serif"; mso-ascii-theme-font:minor-latin;mso-fareast-font-family:SimSun;mso-hansi-theme-font: minor-latin;mso-bidi-font-family:Arial;mso-bidi-theme-font:minor-bidi; mso-ansi-language:EN-US;mso-fareast-language:EN-US;mso-bidi-language:AR-SA"><v:shapetype id="_x0000_t75" coordsize="21600,21600" o:spt="75" o:preferrelative="t" path="m@4@5l@4@11@9@11@9@5xe" filled="f" stroked="f"><v:stroke joinstyle="miter"><v:formulas><v:f eqn="if lineDrawn pixelLineWidth 0"><v:f eqn="sum @0 1 0"><v:f eqn="sum 0 0 @1"><v:f eqn="prod @2 1 2"><v:f eqn="prod @3 21600 pixelWidth"><v:f eqn="prod @3 21600 pixelHeight"><v:f eqn="sum @0 0 1"><v:f eqn="prod @6 1 2"><v:f eqn="prod @7 21600 pixelWidth"><v:f eqn="sum @8 21600 0"><v:f eqn="prod @7 21600 pixelHeight"><v:f eqn="sum @10 21600 0"></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:formulas><v:path o:extrusionok="f" gradientshapeok="t" o:connecttype="rect"><o:lock v:ext="edit" aspectratio="t"></o:lock></v:path></v:stroke></v:shapetype><v:shape id="_x0000_i1025" type="#_x0000_t75" style="width:27.75pt; height:61.5pt"><v:imagedata src="file:///C:\Users\Campus.pk\AppData\Local\Temp\msohtmlclip1\01\clip_image001.png" o:title="" chromakey="white"></v:imagedata></v:shape><!--[endif]--><br>B. 1×3<br>C. 3×3<br>D. 1×1 |
| 3 | If A is a matrix of order m × n and B is a matrix of order n × p then the order of AB is: | A. p×m<br>B. p×n<br>C. n×p<br>D. m×p |
| 4 | If the matrices A & B have the orders 2×3 and 5×2 then order BA is: | A. 3×5<br>B. 5×2<br>C. 2×2<br>D. none |
| 5 | Two matrices X and Y are equal if and only if: | A. X and Y are of same order<br>B. Their corresponding elements are equal<br>C. Both a and b<br>D. None of these |
| 6 | A matrix in which each element is 0 is called: | |
| 7 | Question Image | A. singular<br>B. non-singular<br>C. rectangular<br>D. null |
| 8 | Question Image | B. diagonal matrix |
| 9 | Question Image | D. None |
| 10 | The additive inverse of a matrix A is: | A. A<br>B. A<sup>-1</sup><br>C. - A<br>D. A<sup>2</sup> |
| | | A. 5 |

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|---|---|---|
| 11 | Question Image | B. -5<br>C. -4<br>D. 4 |
| 12 | Question Image | A. 1<br>B. -1<br>C. -6<br>D. 6 |
| 13 | Question Image | D. diagonal matrix |
| 14 | If A is a matrix of order m × n, then the number of elements in each row of A is: | A. m<br>B. n<br>C. m + n<br>D. m - n |
| 15 | [0] is a: | |
| 16 | Question Image | |
| 17 | Question Image | |
| 18 | Question Image | |
| 19 | A matrix of order m×1 is called: | A. row matrix<br>B. column matrix<br>C. identity matrix<br>D. scalar matrix |
| 20 | Question Image | A. 3×3<br>B. 3×2<br>C. 2×1<br>D. 2×3 |