



MATHEMATICS SSC-I (Science Group) SECTION – A (Marks 15)

Time allowed: 20 Minutes

Section – A is compulsory. All parts of this section are to be answered on this page and handed over to the Centre Superintendent. Deleting/overwriting is not allowed.

Do not use lead pencil.

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اس پرکھ پر کوئی بھی تبدیلی یا ترمیم نہیں کی جائے گی۔

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Answer Sheet No. _____

Invigilator Sign. _____

Fill the relevant bubble against each question according to curriculum:

Candidate Sign. _____

Question	A	B	C	D	A	B	C	D
1. If A and B are two matrices each of order 2×5 then order of matrix $A - B$ is: اگر A اور B دو ماتریس ہوں گی جن کا درجہ 2×5 ہے تو $A - B$ کی درجہ کیا ہے؟	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. If $a = 8$ and $16 \times 2^m = 4^{a-m}$ then value of m is: اگر $a = 8$ ہے اور $16 \times 2^m = 4^{a-m}$ ہے تو m کی قیمت کیا ہے؟	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. The logarithm of unity to any base is equal to: کیسی بھی بنیاد پر 1 کی لگاریتم کیا ہے؟	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
4. If $\sqrt[3]{81} = 3^{2x}$, then value of x is: اگر $\sqrt[3]{81} = 3^{2x}$ ہے تو x کی قیمت کیا ہے؟	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
5. Find the value of m , so that $x^2 + 4x + m$ becomes perfect square. اگر $x^2 + 4x + m$ کو مکمل مربع بنانے کے لیے m کی قیمت کیا ہے؟	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
6. L.C.M of $(a-b)^4$ and $(a-b)^2$ is equal to: اگر $(a-b)^4$ اور $(a-b)^2$ کا سب سے چھوٹا مشترک ضرب کیا ہے؟	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
7. The lines $x-1=5$ and $y+1=-4$ intersect each other at: اگر $x-1=5$ اور $y+1=-4$ کے دو خط آپس میں کہاں ملے گا؟	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. If capacity c of an elevator is at most 1600 pounds, then: اگر ایک لیفٹ کی گنجائش زیادہ سے زیادہ 1600 پونڈ ہے تو:	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
9. The "term" used for a triangle having all sides different is: اگر کسی مثلث کے تمام اطراف مختلف ہوں تو اسے کیا کہیں گے؟	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Guillaume Favre

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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