

☒ ✓

$$\begin{bmatrix} 1 & 1 \\ 2 & 2 \end{bmatrix} = 0 \quad \boxed{-1}$$

قسم = ف (ب)  $\nearrow$  ع = ح = ا ب ي  
دوه - ف (ا ب)  $\searrow$  ع = ح = ا ب ي

$$\underline{u} \underline{u}^T = \begin{bmatrix} 1 & 1 \\ \mu & \mu \end{bmatrix} \underline{u} =$$

$$\cos^2 \theta + \sin^2 \theta = \cos^2 \left( \frac{1}{\sqrt{1+\tan^2 \theta}} + \frac{\tan \theta}{\sqrt{1+\tan^2 \theta}} \right) \quad [5]$$

$$\rho_{\text{turb}} + \omega^{\text{S}} =$$

$$\Delta P = \left| \frac{1}{v} \right| + \left| \frac{c}{v} \right| - \left| \frac{c}{v} \right| \quad \text{FW}$$

$$r = 0 + (0-4)u - (1-1)c_u$$

$\{z, 1\}$   $\omega = (z - u)u$

① — P-1- =  $\frac{P-4}{5}$  ← جواب 3-

$$\mathcal{P} + \mathcal{W} = (r) \mathcal{Q}$$

c) —  $w_{0,u} = p-1-$

$$\vec{r} = (e) \vec{C} \quad \boxed{-1}$$

$$y = x + \varepsilon$$

$$\boxed{\zeta} = \frac{\zeta}{\zeta} = 1$$

$\therefore - = \cancel{P} + P_{19}$  في  $P_{\cancel{C}} - C_{\cancel{C}} = P - C \therefore$

۵.  $1 - p = p - 1 - p$  و نیز  $\cancel{p} = \cancel{p} + p$

$$0.2 = P(A)$$

$$\boxed{\mu} = \frac{\sigma}{1} = \mu$$

۹.  $z^2 \sim (1 - z)^2$  در  $z = 0$ ؟

$$\xi = \frac{|\omega P|}{|P|} \text{ و } |A|^c = |\omega P| \quad \boxed{5}$$

$$\boxed{\xi = \mu}$$

$$\frac{\epsilon}{c} = \frac{|uP|}{|P|} \text{ ومنه } |uP| \cdot c = |Pc|$$

$\psi = \omega \rho$

مجموعه اکل  $\{(6, 7)\}$

۶-  $\{n \in \mathbb{N} \mid n \leq 1\} = \{0\}$

$$p + w \in L_{\frac{1}{3}} = (\sim) \text{ } \psi$$

$$z = 0 + i \cdot \frac{1}{5} = (i) \text{ is}$$

$$\boxed{S = 9} \therefore$$

$$\frac{1}{2} \Delta \phi_{2m+3} = (2) \phi$$

$$r = \frac{1}{\mu} \left( \frac{1}{\mu} \right) \quad r = \frac{1}{\mu} \left( \frac{1}{\mu} \right) \quad r = \frac{1}{\mu} \left( \frac{1}{\mu} \right) \quad \boxed{1.1}$$

$$V = \cos 3^\circ + \cos 5^\circ =$$

$$v = (1-\alpha)r + (1-\alpha)r$$

$$\cancel{w} = z - v = (w - v) \cancel{x}$$

$$\boxed{2} = 0 \leftarrow 1 = 3 - 0$$



السؤال الثاني /

$$\left( \vec{r}, \vec{r} \right) = \sum_{i=1}^N \frac{P_i}{N} \left[ \vec{r}_i = \vec{r}_s (1 - c) \right] \quad (P)$$

$$(v \frac{s}{\sim} + 1) \circ \sum_{1=v}^{\infty} \frac{s}{\sim} \frac{1}{\infty \leftarrow v} =$$

$$(r \frac{s}{n} + 1) \gamma - r \sum_{i=r}^n s_i \log s_i =$$

$$\sqrt{\frac{15}{2} - 7 - c} \sim \frac{c}{1 \sim \sqrt{2}} \text{ als } c \rightarrow \infty$$

$$\sum_{n=1}^{\infty} \frac{1}{n^2} = \frac{\pi^2}{6}$$

$$\sum_{i=1}^n \frac{1}{n} = 1 + \cancel{0} - \cancel{x} \frac{1}{\cancel{n}} \quad \text{as } \infty \leftarrow n$$

$$\checkmark \sum_{i=5}^{\infty} \frac{15}{2} \times \frac{5}{2} \frac{65}{\infty \leftarrow 0} + 1 - =$$

$$\frac{(1+\hat{u})^N}{\hat{u}} \times \frac{\hat{u}^N}{N} \approx \frac{1}{N} + \frac{1}{N} = \frac{2}{N}$$

~~$$2 \times \frac{15}{5} + 2 \times \frac{15}{5} = 10 + 10 = 20$$~~

$$\boxed{9.} = 15 - 1 - =$$

نقطه ۲ (۲) =  $\left\{ \begin{matrix} 1 + 2 + 3 + \dots + n \\ 1 + 2 + 3 + \dots + n \end{matrix} \right\}$

سیناٹ (۱) = ، رکن (۱) = ۹ + ۹ = ۱۸ ، ک = ۱۸

$${}^t(\bar{c}) = (\bar{c})^t$$

$$1 + s = S + SXs - r$$

$$\boxed{1 = S} \leftarrow 1 - \zeta = S + \zeta - 1$$

$$\left. \begin{aligned} 1 \leq x \leq 2 \\ 2 \leq x \leq 3 \end{aligned} \right\} = (1, 3)$$

نوعه آن و (س) غیرمقدّمه  
لاشک نیست که  $\neq$  بخا - فلزیک پایه است (س)

مخبر سوہدردہ راہ تہ (سہ ماہی و اس)

بحار ۲۰ (۱۳۰۵) لا سطر یعول بانه

ت (اسد) = م (اسد)

أ. بشير زهير الغولة

$$C_1 = (1-1) - (1-1-5v) = 2$$

$$\begin{bmatrix} 2 & 1 \\ 7 & 6 \end{bmatrix} = AC \quad (4)$$

$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} - \begin{bmatrix} 1 & 1 \\ 1 & 1 \end{bmatrix} = 0 - 1$$

$$[ \begin{matrix} 1 & 0 \\ 0 & 1 \end{matrix} ] = I$$

$$\begin{bmatrix} 7 & 2 \\ 0 & 4 \end{bmatrix} \xrightarrow{\text{row} \rightarrow \text{sto}} \begin{bmatrix} 7 & 2 \\ 0 & 4 \end{bmatrix} = \begin{bmatrix} 7 & 2 \\ 0 & 4 \end{bmatrix}$$

$$\begin{bmatrix} 1 & -2 \\ 0 & 1 \end{bmatrix} \frac{1}{\epsilon}$$

9. [لوہا کا

$$\text{Wes } \omega \text{ of } \omega \text{ of } \omega \text{ of } \omega = \frac{1}{\omega} = \omega$$

$\omega_S \cup \omega_C = \omega_S \cup \omega_C$        $\omega_S = \omega_S \cup \omega_C$   
 $\omega_S = \omega_S \cup \omega_C$        $\omega_S = \omega_S \cup \omega_C$

$$\omega = \frac{1}{\omega_s} \rightarrow \omega_s = \frac{1}{\omega}$$

$$\cos \omega t - \cos \omega t = 0$$

$$p + \frac{v}{c} - \frac{mv}{c} =$$

$$= 9 + \frac{4}{5} - \sqrt{5}$$



① 
$$\begin{aligned} & \frac{1}{1-x} = \frac{1}{1-x} \\ & \frac{1}{1-x} = \frac{1}{1-x} \end{aligned}$$

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السؤال الرابع

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السؤال الخامس

٤)  $P = \begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}$

$[A] = 1 - 1 = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P| \cdot |A|$

$[B] = 1 - 1 = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[C] = 1 - 1 = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[D] = \frac{1}{2} = |P|$

$[E] = |P|$

٥)  $[F] = \frac{1}{2} = \frac{|P|}{|P|} = 1$

$[G] = \frac{1}{2} = \frac{|P|}{|P|} = 1$

٦)  $[H] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[I] = 1 - 1 = 0$

$[J] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[K] = 1 - 1 = 0$

$[L] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[M] = 1 - 1 = 0$

$[N] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[O] = |P|$

٧)  $[P] = 1 - 1 = 0$

$[Q] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[R] = 1 - 1 = 0$

$[S] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

ب

$[T] = 1 - 1 = 0$

$[U] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[V] = 1 - 1 = 0$

$[W] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[X] = 1 - 1 = 0$

$[Y] = |P|$

$[Z] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[AA] = 1 - 1 = 0$

$[AB] = 1 - 1 = 0$

٨)  $[AC] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

٩)  $[AD] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[AE] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[AF] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[AG] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[AH] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[AI] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[AJ] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[AK] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[AL] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[AM] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[AN] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

$[AO] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$

بشير زهير الغولة

$[AP] = \begin{vmatrix} 1 & 2 \\ 3 & 4 \end{vmatrix} = |P|$



## السؤال السادس

④ نزلت م (س) = خطاس

ص = خطاس  
عند  $\frac{\pi}{2}$  :  $\frac{1}{2} = \frac{1}{2}$   
عند  $\frac{3\pi}{2}$  :  $\frac{1}{2} = \frac{1}{2}$   
عند  $\frac{\pi}{2}$  :  $\frac{1}{2} = \frac{1}{2}$   
عند  $\frac{3\pi}{2}$  :  $\frac{1}{2} = \frac{1}{2}$

$\left[ \frac{1}{2} \right] = \frac{1}{2}$   
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⑤ نزلت م (س) =  $\frac{1}{1+s}$

م (س) =  $\frac{1}{1+s}$   
 $\frac{1}{1+s} = \frac{1}{1+s}$   
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## السؤال السابع

①  $\left[ \begin{matrix} 1 & 3 \\ 2 & 0 \end{matrix} \right] \frac{1}{0-6} = \left( \begin{matrix} 1 & 0 \\ 0 & -6 \end{matrix} \right) - P$

②  $\left[ \begin{matrix} 1 & 2 \\ 2 & 0 \end{matrix} \right] = P - P$

$\left[ \begin{matrix} 2 & 2 \\ 2 & 3 \end{matrix} \right] \frac{1}{9-4} = \left( \begin{matrix} 1 & 0 \\ 0 & 5 \end{matrix} \right) + P$

③  $\left[ \begin{matrix} 2 & 2 \\ 2 & 3 \end{matrix} \right] = P + P$

$\left[ \begin{matrix} 2 & 1 \\ 2 & 2 \end{matrix} \right] = P - P$

$\left[ \begin{matrix} 1 & 1 \\ 2 & 1 \end{matrix} \right] = P$

④  $\left[ \begin{matrix} 1 & 1 \\ 2 & 1 \end{matrix} \right] = P$

$\left[ \begin{matrix} 2 & 2 \\ 2 & 3 \end{matrix} \right] = P$

$\left[ \begin{matrix} 1 & 1 \\ 2 & 1 \end{matrix} \right] = P$

$\frac{1}{1+s} = \frac{1}{1+s}$

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$\frac{1}{1+s} = \frac{1}{1+s}$



ملحقہ

۱۱۔ سوال پنجم سے فرج (ب)

رقم (ب) = رقم (ب) - رقم (ب)

مع الشاہد مسندہ ع/ وکلمہ ص ص (ب)

۱۲۔ سوال ثانی فرج (ب)

المکرم (ر) سقیم لعل بانہ ت (ب) = رقم (ب)

مقط عند س = ۷  
وہذہ لیس لا لزوم ونگل عاوی

۱۳۔ سوال سابع فرج (ب)

سقا سہوا حصو طالب

$$A \cdot B = \begin{bmatrix} 1 & 1 \\ 1 & 1 \end{bmatrix} \cdot \begin{bmatrix} 1 & 1 \\ 1 & 1 \end{bmatrix}$$

$$= \begin{bmatrix} 2 & 2 \\ 2 & 2 \end{bmatrix}$$





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