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أميدوار فوريد كريRoll No.	(For all sessions)	Paper Code 5 4 7 3
	Group-I-	(•
Physics (Objective Type)	RWP-G1-21	<b>فرمس</b> (معروضی)
Marks: 12	وت: 15 Minutes ئ 15	المبر:12
وآپ درست جمعیں،جوانی کا پی پرائ سوال مبرکے		فوف: تمام سوالات كے جوابات دى كئ معروضى جوالى كالى بركھيئے برسوال
	رے کو مار کریا چین کی سیاجی ہے بھرویں۔	سامنے جرو C,B، A کے دائروں میں سے متعلقہ دائر
NOTE: Write answers to the questions on	objective answer sheet provided. Four pe	ossible answers A,B,C & D to
ach question are given. Which answer you	consider correct, fill the corresponding cit	rcle A,B,C or D given in front of each
uestion with Marker or pen ink on the ansi	ver sheet provided.	
1.1. Density has formula:		1.1 وفينسٹی کافارمولاہے:
ال x والحم mass x volume مال x والحم	(B) volume/mass	ماس [واليم
(C) area/mass ויין וען	(D) mass/volume	واليم إماس
2. Which of the following materials has	large value of temperature	2. درج ذیل میں ہے سم میٹریل کے طولی پھیلا ؤکے کوالی دینے
coefficient of linear expansion?		تبت زیادہ ہوتی ہے؟
(B) Stee المُعْلَم (Aluminium (B)	کولٹ (C) Gold) سٹیل او	(D) Brass 🔑
3. What happens to the thermal conduc	ctivity of a wall is its thickness is double	3. كى ديوارك مونانى دوگناكرنے پراسى تقرال كند كثيويى: ?d
روگنا بوجاتی ہے (A) becomes double	(B) remains the sa	
(O) becomes half آدگی موجا تی ہے	(D) becomes one	ایک چوتحالی ہوجاتی ہے
4. An interval of 200 $\mu$ s is equivalent	to:	4 200 مائكروسيكند كاوتغه ساوى موتاب
(A) 0.2 S (B) 0.02	S (C) 2x10 <sup>4</sup> S	(D) 2x10 <sup>-6</sup> S
5. By dividing displacement of a movin	g body with time,we obtain: پاروتا ہے:	<ol> <li>کی متحرک جسم کے ڈس پلیسمنٹ کودنت رتقسیم کرنے سے حاص</li> </ol>
	eleration ولائي (O) Velocity ولائي	
6. Newton's first law of motion is valid or		6. کس کی غیرموجود گی میں نیوٹن کے پہلے قانون کا اطلاق ہوتا ہے
	عارک Torque (C) Torque نیدفوری	رمينم (D) Momentum
7. SI unit of acceleration is:	0,	7. ایکسلریشن کا الاین ہے:
(A) mS-1 (B) mS-2	(C) m <sup>2</sup> S	( <b>D</b> ) mS <sup>2</sup>
(-)	(4)	
8. A force of 10N is making an angle of	ع with the horizontal. Its	
horizontal component will be:		كاافل كمونيث بوكا:
(A) 4N (B) 5N	(C) 7N	(E) 8.7N
9. Torque 7 is equal to:		9. ٹارک ۲ پراپرے:
(A) Fxm (B) FxR <sup>2</sup>	(C) Fxτ	(P) FxL
10. The value of g on moon's surface is	1.6mS <sup>2</sup> .What will be the weight of a	10. واندکی طرح کی تیت 1.6mS <sup>-2</sup> ہے۔ واندیر
100Kg body on the surface of the mo		100Kg کے ایک جسم کاوزن ہوگا۔
(A) 100N (B) 160N	(C) 1000N	(D) 1600N
1. If the velocity of a body becomes do		11. اگر سي جم كي ولا شي دوگنا موجائي و آكي كافي عيك ازي:
کنشندری بی استان (A) remains the same	(B) becomes doub	
رگناموجاتی = (C) becomes four times	April 1	
2. The energy of a moving body during		12. وركت كدوران كى جم كى افر فى كهلاتى ب:
	(B) Chemical energ	
(A) Nuclear Energy (2 if all a		4
ن کی از کی (A) Nuclear Energy کی از کی (O) Kinetic energy	(D) Potential energ	,

R	امیدوارفون کرے	(For all sessions)	
48	کل فیر :	1- 21 RWP-41-21	فرمس (انثائيه)
	=5x2	عصداول	وتت:1:45 كنظ
		ے انچ اجراد کے فقر جوابات کھیے۔ و مسلم کی ان ورنس کو کششٹ سے کیام ادے؟ انا	و ربع زل على سيكوني -
	اً بري مسروليان ! كانك مثال ديجية - . نكسا له كتوب كوري الما كالموالكوس	, , = , , , , , , , , , , , , , , , ,	ا سکیرزاورویکشرزیمی فر
			iv. پیشراوردلاش کی تعریف
10=	ر <i>ں ہے:</i> 5x2	وطر نقي للصيئ ١١١١ بميادي معلد الرون اور با وو علد ارون عن يا	نند و کشن کرکم کرنے کے و
	ii. كلاك وائز اورا ينى كلاك وائز مومن كي تعريف كري-	ہے یا کی اجراء کے مقر جوابات معنے -	2- ريجول سي سيكول-
	۱۱۱ قال والواولات للات والوطف لا مين المادار موليك المين المادار موليكس	الل فورمز كي العريف كرير - ١١٠ جيوسيستري الربث في مريف كريف كريف	G-Ellevisol-Ell i
	». نارکی تعریف کریں اور اسکافار مولانکھیں۔ ۷. نارک کی تعریف کریں اور اسکافار مولانکھیں۔	ی کی تعریف کریں اور دومٹالیس دیں۔ ۷۔ ایک آئیڈیں (مثال) سلم سے کیام ادہے:	ين في من آف گريوي ميشر
10=	5x2	س کے پونٹ کی تعریف کریں۔ 📗 Viii منطقل نٹ اور کندرن منطقل شک سے کیا سراد۔	iiv ماور کالونث کیا ہے؟ ا
	iii. دینٹی ہے کیا مراد ہے؟ سٹم انٹر پیٹنل میں اس کا بوٹ لکھیئے۔	رنج رووا محقه دار وللمحيد	Sec 11:2. 4
?	III. و من سے میاسراد ہے: vi. سیال اشیاء میں انتقال حرارت کنویکشن سے کیوں ممل میں آتی ہے		ا مریج کاتریف کھی
	۷۱. عيال المياء على العالي والرف وقت مات عدل مات مات الحري	ے کیامراد ہے؟	iv تحرف الحوى ليرمم
18=2	<i>نهریری</i> ۔ ۱×9		vii كَدْ كُشْن اور كُويكُشْن
	A.	هم (در	
04		ے کوئی سے دوموالات کے جوایات فریر کریں۔	لوف: ورج ولي
05	م سر سر الفرق آن فرکش کی قبر - ۵۵ سر	راف کی درے تابت کھنے۔ V <sub>I</sub> =V <sub>I</sub> +at کو ذری ساگری کالازی ا	5 (الف) سِنْمَامُ
04	اور سنكِ مرم كے درميان وايل سيك السر حال يعت 0.0 ہے د	س کے لاوی کے بلاک اور سنگ مرمر کے اسی فرک کے در میان کر کا کا کا فرک اور ک اول اور ک	1018561
05			
04	- i	200Kc مانی کو10 سیکنڈ میں6میٹر کی بلندی میک پہنچا سما ہے۔ بہپ کی باور سوم میسے	J. ((( )
05	(1 0×10 <sup>-5</sup> / <sub>2</sub>	ی کا کار کا وق استان کا کار دارد کا برای کا دختا است کیجیئے۔ انون بیان کمچنے اور ہائڈ رولک مرکبس کی وضاحت کیجیئے۔ مرکب مرکب کار مرکب کار کار کار کار کار کار مرکب کیجیئر کر دیشل کار کار کار مرکب کیجیئر کر دیشل کار	でとし、***) 7
00	كاطوى قرارى چھيلا و كانوا ين سيف = ١٠٩٨١٥ ٨	ر این این مجھتے اور ہائڈ رولک پر یس کی وضاحت کھیئے۔ کی سلاخ جو °0 کرایک میرفر ہی ہے۔اس کی لمبائی °30 پر معلوم کھیئے ۔ (پیشل	( ) کی چیل
	7/		ر جي رب
Phy	reice /= -		
,	SICS (Essay [vne)	- I (F - 11	
Time:	SiCS (Essay Type) G	roup-I (For all sessions)	
l'ime:	1:45 Hours	Total	al Marks: 48
1 ime: 2- Writ	1:45 Hours e short answers of any five part from t	Section-I	-
2- Write	1:45 Hours  e short answers of any five part from to  Offerentiate between scalars and vectors	Section-I the following.	al Marks: 48 2x5=10
2- Writ i. L iii. V	1:45 Hours  The short answers of any five part from the short answers of any five part from the short and vectors. The same prefixes? Give an example.	Section-I the following.  ii. What is meant by vernier constant? iv. Define speed and velocity.	2x5=10
2- Write i. E iii. V v. V	1:45 Hours  e short answers of any five part from to  Differentiate between scalars and vectors  What are prefixes?Give an example.  What is the law of Inertia?	Section-I the following  ii. What is meant by vernier constant? iv. Define speed and velocity.	2x5=10
2- Write i. [ iii. V v. V vii. V	1:45 Hours  The short answers of any five part from the short answers of any five part from the short and vectors are prefixes? Give an example. The short is the law of Inertia?  What is the law of Inertia?	Total  Section-I  the following.  ii. What is meant by vernier constant?  iv. Define speed and velocity.  vi. Define acceleration and write its formulat is difference by:	2x5=10
2- Write i. [ iii. V v. V vii. V 3- Write	1:45 Hours  The short answers of any five part from the short answers of any five part from the prefixes of any five part from the short are prefixes? Give an example. What is the law of Inertia?  Write two ways to reduce friction. Viii. What is short answers of any five part from the short answers of any five part from the short answers.	Total  Section-I  the following.  ii. What is meant by vernier constant?  iv. Define speed and velocity.  vi. Define acceleration and write its formulat is difference between base quantities and deriver the following.	2x5=10
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2- Write i. [ iii. V v. V vii. V 3- Write i. D iii. D v. W	1:45 Hours  the short answers of any five part from the Differentiate between scalars and vectors what are prefixes? Give an example. What is the law of Inertia? Write two ways to reduce friction. viii. What is short answers of any five part from the like and unlike parallel forces. The efine clockwise and anticlock wise mome what is meant by an ideal system?	Section-I the following.  ii. What is meant by vernier constant? iv. Define speed and velocity. vi. Define acceleration and write its formulat is difference between base quantities and derive the following.  ii. Define Geostationary orbit. ent. iv. Define force of Gravitation and give two	2x5=10 la. d quantities? 2x5=10
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2- Write i. [ iii. V v. V vii. V 3- Write i. D v. W vii. W 4- Write v. Sta vii. Dif Note; A (a) Write (b) How floor	e short answers of any five part from to Differentiate between scalars and vectors What are prefixes? Give an example. What is the law of Inertia? Write two ways to reduce friction. viii. What is the law of Inertia? Write two ways to reduce friction. viii. What is short answers of any five part from the define like and unlike parallel forces effine clockwise and anticlock wise mome what is meant by an ideal system? What is the unit of power? Define its unit.  Short answers of any five part from the offine temperature and write its unit in SI. The density Write its unit in SI. The density write its unit in SI. The density will be tween conduction and converting the help of speed-time graph prove that it much is the force of friction between an extraction between an extraction between wood.	Section-I  the following.  ii. What is meant by vernier constant? iv. Define speed and velocity. vi. Define acceleration and write its formulat is difference between base quantities and deriver the following.  iii. Define Geostationary orbit. iv. Define Groce of Gravitation and give two vi. Define Torque and write its formula. viii. What is meant by Satellite and Natural: iv. What is meant by atmospheric pressure iv. What is meant by thermal equilibrium? does transfer of heat in fluids take place by convection. viii. Define specific heat capacity and write it Section -II  lowing.  t V;=V;+at. wooden block of mass 5Kg and the horizontal mand the merchle in 0.0.	2x5=10  a. d quantities? 2x5=10  examples.  Satellite? 2x5=10  extion? s unit. 9x2=18
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2- Write i. [ iii. V v. V vii. V 3- Write i. D v. W vii. W 4- Write i. Defi v. St vii. Dif  Note; A (a) Writ (b) How floor (a) Defii (b) Calc	e short answers of any five part from to Differentiate between scalars and vectors What are prefixes? Give an example. What is the law of Inertia? Write two ways to reduce friction. viii. What is the law of Inertia? Write two ways to reduce friction. viii. What is short answers of any five part from the efine like and unlike parallel forces efine clockwise and anticlock wise mome that is meant by an ideal system? What is the unit of power? Define its unit. Short answers of any five part from the efine temperature and write its unit in Sl. ate Hook's law.  Vi. Why iferentiate between conduction and convert answer any two questions from the following the help of speed-time graph prove that you much is the force of friction between a control of the equilibrium and explain the first conditional culate the power of a pump which can life culate the power of a pump	Total  Section-I  the following.  ii. What is meant by vernier constant?  iv. Define speed and velocity.  vi. Define acceleration and write its formulated is difference between base quantities and deriver the following.  iii. Define Geostationary orbit.  ent. iv. Define force of Gravitation and give two vi. Define Torque and write its formula.  viii. What is meant by Satellite and Natural:  iv. What is meant by atmospheric pressure iv. What is meant by thermal equilibrium?  does transfer of heat in fluids take place by convection.  viii. Define specific heat capacity and write it Section -II  lowing.  t V;=V;+at.  wooden block of mass 5Kg and the horizontal mand and the marble is 0.6.  tion of equibrium.	2x5=10  da. d quantities?
2- Write i. [ iii. V v. V vii. V 3- Write i. D v. W vii. W 4- Write i. Defi iii. De v. St vii. Dif  Note; A (a) Write (b) How floor (a) Defii (b) Calc (a) State	e short answers of any five part from to Differentiate between scalars and vectors What are prefixes? Give an example. What is the law of Inertia? Write two ways to reduce friction. viii. What is the law of Inertia? Write two ways to reduce friction. viii. What is short answers of any five part from the efine like and unlike parallel forces efine clockwise and anticlock wise mome that is meant by an ideal system? What is the unit of power? Define its unit. Short answers of any five part from the efine temperature and write its unit in Sl. at the Hook's law.  Vi. Why if it is the law of speed-time graph prove that it is the lay of speed-time graph prove that it is the force of friction between a control of the coefficient of friction between wook the equilibrium and explain the first conditional and can be proved in the power of a pump which can lift is pascal's law and explain hydraulic proved.	Section-I  the following.  ii. What is meant by vernier constant? iv. Define speed and velocity. vi. Define acceleration and write its formulate is difference between base quantities and deriver the following.  iii. Define Geostationary orbit. ent. iv. Define force of Gravitation and give two vi. Define Torque and write its formula. viii. What is meant by Satellite and Natural: iv. What is meant by satellite and Natural: iv. What is meant by atmospheric pressure iv. What is meant by thermal equilibrium? does transfer of heat in fluids take place by convection. viii. Define specific heat capacity and write it Section -II  lowing. t V;=V;+at. wooden block of mass 5Kg and the horizontal marked and the marble is 0.6. tion of equibrium. 200Kg of water through a height of 6m in 10 second	2x5=10  la. d quantities? 2x5=10  examples.  Satellite? 2x5=10  exion? s unit. 9x2=18  04  ble 05  04  dds. 05
2- Write i. [ iii. V v. V vii. V 3- Write i. D v. W vii. W 4- Write i. Defi iii. De v. St vii. Dif  Note; A (a) Write (b) How floor (a) Defii (b) Calc (a) State	e short answers of any five part from to Differentiate between scalars and vectors What are prefixes? Give an example. What is the law of Inertia? Write two ways to reduce friction. viii. What is the law of Inertia? Write two ways to reduce friction. viii. What is short answers of any five part from the efine like and unlike parallel forces efine clockwise and anticlock wise mome that is meant by an ideal system? What is the unit of power? Define its unit. Short answers of any five part from the efine temperature and write its unit in Sl. at the Hook's law.  Vi. Why if it is the law of speed-time graph prove that it is the lay of speed-time graph prove that it is the force of friction between a control of the coefficient of friction between wook the equilibrium and explain the first conditional and can be proved in the power of a pump which can lift is pascal's law and explain hydraulic proved.	Total  Section-I  the following.  ii. What is meant by vernier constant?  iv. Define speed and velocity.  vi. Define acceleration and write its formulated is difference between base quantities and deriver the following.  iii. Define Geostationary orbit.  ent. iv. Define force of Gravitation and give two vi. Define Torque and write its formula.  viii. What is meant by Satellite and Natural:  iv. What is meant by atmospheric pressure iv. What is meant by thermal equilibrium?  does transfer of heat in fluids take place by convection.  viii. Define specific heat capacity and write it Section -II  lowing.  t V;=V;+at.  wooden block of mass 5Kg and the horizontal mand and the marble is 0.6.  tion of equibrium.	2x5=10  la. d quantities? 2x5=10  examples.  Satellite? 2x5=10  exion? s unit. 9x2=18  04  ble 05  04  dds. 05

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r\$c	S.S.C - (Pc	art-I)-A- 2021	
Roll No	For all s)	essions)	Paper Code 5 4 7 4
	Group	گروپ-II-	(.
Physics (Objective Typ	Δ	P-42-21	<b>فزمس</b> (معروض)
arks: 12	Time: 15 M	رنت:15 منك inutes	نبر:12
درست مجمیں، جوانی کا بی پراس سوال نمرے	C,B, اور D دیے گئے ہیں، جس جواب کوآب	رِلَكَعِيدُ برسوال ك جار مكن جواباتA.	نوف: تمام والات كي جوابات دى كئ معروض جوالي كالي
	ي- ب	ر دائر سے کو مار کر یا چین کی سیاجی سے مجر د	سائے جرو C,B، A یا Dکدائروں یس سے متعلقہ
OTE: Write answers to the ques			
		the corresponding circle	le A,B,C or D given in front of each
estion with Marker or pen ink on			う さく ぎくも //
.1. The value of latent heat of			1.1. ويورائزيشن کي خفح حرارت کي قيت بوتي ہے:
Months of rest blowns within the state of	(B) 2.26x10 <sup>6</sup> JKg <sup>-1</sup>	(C) 2.26x10 <sup>6</sup> Nm	D) 2.26x10 <sup>6</sup> J) (D) 2. مخول میں انتقال ترادت کا طریقہ ہے:
2. In solids, heat is transferred	by:	(0) Comment	
		(C) Convection	ابزار پشن Absorption کنویکش 3. انگیشی سے زارت ہم تک براور است پیچی ہے:
3. Heat from fireplace reacher		(C) Commention	ابراریش (D) Absorption کنویکش
کڈکش (A) Conduction)	a software and the con-	(C) Convection 3	المجارون Absorption کوی رو 4. 200مائیکردسیکنٹر کا دقند سیادی ہے:
4. The interval of 200 $\mu$ s is 6		(C) 2x10 <sup>-4</sup> S	(D) 2x10 <sup>-6</sup> S
(A) 0.2S	(B) 0.02S		5. کی شے میں مادے کی مقد ار معلوم کرنے کا ایون ہے
5. Amount of a substance in t	erms of numbers is measur (B) Kilogram كُوكرام	و (C) Newton يُولُن	مول D) Mole) مول
رام (A) gram	f a maying body with time w	رون العلامات العام (o) العام (o) العام (o)	6 کی متحرک جم کے ڈی پلیسمنٹ کوونٹ پرتشیم کرنے۔ کسید
	a moving body with time,	(B) acceleration	ایکسلریش
پيد (A) Speed	*0	(D) Deceleration	
ولا گی Velocity)	-d·	(b) Decereration	وں و ر 7۔ یوزیشن میں تبدیلی کہلاتی ہے:
7. A change in position is call	ea.	(B) Velocity ولائي	
بيد (A) Speed)	, i		
پلیمنٹ (C) Displacement پلیمنٹ		فاصلہ Distance)	8 مندرجہ ذیل میں ہے کونسام میٹٹم کا پینٹ ہے؟
3. Which of the following is th		(C) NS	(D) NS <sup>-1</sup>
(A) Nm	(B) KgmS <sup>-2</sup>	(0) 140	9. ایک جمم ایکوی لبریم کی دوسری شرط پر پورااتر تا ہے اگر:
9. A body satisfies second co	(B) $\sum F_{\gamma} = 0$	(c) $\sum F = 0$	(D) $\sum \tau = 0$
(A) $\sum F_X = 0$ 10. The value of gravitational of			10. كريوي فيمنل كونستنث كل قيت مول ي
	(B) 6.6x10 <sup>-11</sup> Nm <sup>2</sup> Kg <sup>-2</sup>	(C) 9.1x10 <sup>-31</sup> Nm <sup>2</sup> Kg	T <sup>-2</sup> (D) 1.6x10 <sup>-19</sup> Nm <sup>2</sup> Kg <sup>-2</sup>
(A) 6.673x10 <sup>-11</sup> Nm <sup>2</sup> Kg <sup>-2</sup>	(D) O.OXIV MILING	(0) 0	11. از کی کابین موتاہے:
11. The unit of energy is:	I-	(C) Noudon	۱۲ ارین و وی این (D) Mole مول
واك (A) Watt	(B) Joule シュ	يُولُ (C) Newton يُولُن	ون Wille (ط) 12. ایک پاسکل برابر ہوتا ہے:
		(C) 10 <sup>2</sup> Nm <sup>-2</sup>	(D) 10 <sup>3</sup> Nm <sup>-2</sup>
12. One pascal is equal to: (A) 1Nm <sup>-2</sup>	(B) 10 <sup>4</sup> Nm <sup>-2</sup>		(1)) 311 Nm

	//\	S.C. (Part D. A	2401	
Roll No	أمددارخود يكر	S.S.C - (Part-I) -A For all sessi		
2000 1.0.		The second secon		فرمس (انتائيه)
كل نمبر:48		روپ-۱۱ حتیه اول	11-1-42-61	وت:45 كفظ
10=5x2		عد،ون	بإلى اجزاء يخضر جوابات كعنيه _	
عدد المعرفي سرع المحمول موتي سرع	iii. رولنگ فرکش مواکد محک فرکش سے	م كانستند سركهام الاسر؟	ہ میں ایر اوسے سر بوابات ہے۔ درایک مثال می دیجھے۔ انا در	2- درن درن المساعدون سے نام کا الکساک آوران کھنا
ا يدن ادن هـ. محي د تڪيئے ۔ •	vi يوزيش کي تعريف کچيئے اورا يک مثال	ر رکاانڈ بیشل سٹم کیا ہے؟	رویت مال در بیت کچن ۷ نقم	۱۰ ری حول فریت هیام. ۱۷. و میشرز اور تعلیارزگی تعریف
د ليل ديڪئے ۔ ن دليل ديڪئے ۔	iii. رونگ فرکشن مهائز تک فرکشن سے .iii vi بوزیش کی آخریف کچیئے اورا کی مثال نے والے جم میں ایکسلریشن ہوسکتا ہے؟ اپنے جواب ک	ں بہر اور ایسے اکونسٹنٹ میمڈے حرکت کر	ر مي کانونٽ لکھيئے۔ اس کانونٽ لکھيئے۔ Viii کر	۱۷. ویسرر اور میران کرید. ۱۷۱۱. موسیقم کی تعریف کیسے اور
10=5x2			بابانكم اجزاء كحضرجوامات للعنهيه	= 13 = 15 13 -3
-4	۔ 'G' .iii کی قیت اور اس کا S یونٹ لکھیے	سرآ ف رومیش کی تعریف کھیئے	استعلال تجرم محدير ii ايك	ا معن ع سيطلانش كرد و
	. vi لا تك اور أن لا تك بير الل فور مز ميل	ئرآ ف گريو ي کي تعريف کچيئے .	تھیئے اوراس کی مبیاوات کھیئے۔	iv. نونشل از جی کی تعریف
	سکتاہے؟	بن كا ماس تس فمرح معلوم كياجا	اوراس كا فارمول للمعيئه ـ بانا. ز	vii. اَنْ فِينِي كَ تَعْرِيفِ كَحِيمُ
10=5x2			، يا في أجراء في تقرجوابات تعنفي -	4 درج دل على سے كوئى ہے
نی بونٹ میں ہوتا۔ کون؟	ل موتا؟	بسزمي كنذكشن كأعمل كيون نبير	سعم انزنجشل میں اسکا یونٹ لکھیئے ۔	
م انتریکش می اسکا بونت لکھیئے۔	٧١. حرارتي مخبائش كي تعريف تجيئ اورستم	مريج اورحرارت كي تعريف كجيئ	ی کے بیاتی ہے؟ پاکسے بیاتی ہے؟	iv. خرارت مورج يح بم تك
	vi ۔ حرارتی معنجائش کی تغریف کیجیئے اور سٹم اُکع کی ابویپورش کا خصار کن موال پر ہوتا ہے؟	یورش سے کیامراد ہے؟ کسی	ایلاشک من سے کیامراد ہے؟ viii ای	
18=2x9		حشهروم		
		1	اولى سےدوروالات كے جوابات تح مركري-	نوف: ورج ذيل مس
04		2aS =	ےافذ کریں کہ کا : الائے کی الائے الائے الائے الائے الائے الائے کیا : الائے کیا : الائے کیا : الائے کیا : الائے میٹم میں 22N.S کی تبدیلی پیدا کرنے کیلئے الا	5. (الف) بر كراف كي مرد
05	583	20 کی فورس کو کتناوفت در کار،	یتم میں 22N.S کی تبدیلی پیدا کرنے کیلئے N	(پ) کسی جسم کے مو
04		وضاحت فجيئے۔	یامعر بغیب کرین نیز اس کی چیلی تم طربیان کریں اور ا	6. (القب) الجوي ليرتم ذ
05	, کرتا ہے۔ اِسکی فیصدا یقی سینسی کتنی ہے؟		۔ ہر کہ 100 فوڈ انر بی کے دوش کی بائیسکل کے ·	
04		ي- ي	ن بیان کیجیئے اور ماکڈرولک پرلیس کی وضاحت کر	7. (الف)_ياسكل كا قانو
05	کی گفتی مقدار در کارہے؟	ہے۔ پانی کوابا کئے کیلئے حرارت	ن یا ن چیے اور ہا مردونت پریس کا فیار کار موجود 5 کیٹر پانی ہے۔جس کا غمبر بچر C °20	(ب)۔ایک برتن میں
	<u> </u>		· · · · · · · · · · · · · · · · · · ·	
Dhysics	2		/m	
Physics (Es		oup-II	(For all sessions)	
Time: 1:45 Hour	S			Marks: 48
			action T	
Write short ans	were of any five nart from th		ection-I	2::5-40
	swers of any five part from th	e following.		2x5=10
i. Define prefix	kes and also give an example.	e following. ii. What is	meant by vernier constant?	2x5=10
i. Define prefix iii. Why rolling f	ces and also give an example. friction is less than sliding friction	ie following. ii. What is on? iv. Define v	meant by vernier constant?	
<ul><li>i. Define prefix</li><li>iii. Why rolling f</li><li>v. What is Inter</li></ul>	tes and also give an example. Friction is less than sliding friction mational System of Units?	ie following. ii. What is on? iv. Define v	meant by vernier constant?	
<ul><li>i. Define prefix</li><li>iii. Why rolling f</li><li>v. What is Intervii. Define moment</li></ul>	tes and also give an example. Friction is less than sliding friction mational System of Units? entum and write its unit.	e following. ii. What is on? iv. Define vivi. Define p	meant by vernier constant? ectors and scalars. osition and also give an exam	
<ul> <li>i. Define prefix</li> <li>iii. Why rolling f</li> <li>v. What is Intervii. Define momentalii. Can a body</li> </ul>	tes and also give an example. Friction is less than sliding friction mational System of Units?	ii. What is on? iv. Define voi. Define per acceleration?Ju	meant by vernier constant? ectors and scalars. osition and also give an exam	
i. Define prefix iii. Why rolling f v. What is Inter vii. Define mom viii. Can a body	tes and also give an example. friction is less than sliding friction mational System of Units? entum and write its unit. moving at constant speed have	ii. What is on? iv. Define viv. Define per acceleration?Ju	meant by vernier constant? ectors and scalars. osition and also give an exam	mple.
i. Define prefix iii. Why rolling f v. What is Inter vii. Define momoriii. Can a body o i. Write short ans i. Write two us iii. Write the val	res and also give an example. Friction is less than sliding friction mational System of Units? entum and write its unit. If moving at constant speed have twers of any five part from the sof Artificial Satellites. The of 'G' and its S.I unit.	e following.  ii. What is on? iv. Define v. vi. Define p. e acceleration?Ju e following. ii. Define A iv. Define p	meant by vernier constant? ectors and scalars. osition and also give an example stify your answer. xis of Rotation. otential energy and write its	apple.  2x5=10 equation.
i. Define prefix iii. Why rolling f v. What is Inter vii. Define mome viii. Can a body i. Write short ans i. Write two us iii. Write the val v. Define centre	res and also give an example. Friction is less than sliding friction mational System of Units? entum and write its unit. It moving at constant speed have twers of any five part from the sof Artificial Satellites. The of 'G' and its S.I unit. It is of gravity.	e following.  ii. What is on? iv. Define volume.  e acceleration? Jule following.  ii. Define A iv. Define poly.  iv. What is one of the control of the cont	meant by vernier constant? ectors and scalars. osition and also give an exal stify your answer. xis of Rotation. otential energy and write its difference between like and	2x5=10 equation.
i. Define prefix iii. Why rolling f v. What is Inter vii. Define mome viii. Can a body of - Write short ans i. Write two us iii. Write the val v. Define centre vii. Define efficie	res and also give an example. Friction is less than sliding friction mational System of Units? entum and write its unit. If moving at constant speed have twers of any five part from the conference of Grand its S.I unit. If and write its formula.	e following.  ii. What is on? iv. Define vivi. Define pole acceleration? Jule following.  ii. Define A iv. Define povi. What is one iii. How can	meant by vernier constant? ectors and scalars. osition and also give an example stify your answer. xis of Rotation. otential energy and write its	anple.  2x5=10 equation. unlike parallel forces? nined?
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