ধন্ত	ायल आमिर्यता (विधुत (पू)ए (रूप. प) 20 20 नोव्हेंबर, 20%	<b>()-ओठाी - 2,</b> )10 प्रश्नपुस्तिका क्रमांक	Code : TNS
वेळ :	$1\frac{1}{2}$ (दीड) तास इंग्रजी व साम	स्तिका	एकूण प्रश्न : 150 एकूण गुण : 150
(1)	स्तूच सदर प्रश्नपुस्तिकेत 150 अनिवार्य प्रश्न आहेत. उ प्रश्नपुस्तिकेत सर्व प्रश्न आहेत किंवा नाहीत याची खा प्रश्नपुस्तिका समवेक्षकांकडून लगेच बदलून घ्यावी.		-
(2)	आपला परीक्षा-क्रमांक ह्या चौकोनांत <b>न विसरता बॉलपेनने</b> लिहावा.	नेप्रान्त्रमानः	⊥
(3)	वर छापलेला प्रश्नपुस्तिका क्रमांक तुमच्या उत्तरपत्रिकेव करावा.	L	ल सूचनेप्रमाणे न विसरता नमूद
(4)	या प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाला 4 पर्यायी उत्तरे आहेत. त्या चार उत्तरांपैकी सर्वात योग्य उत्तराचा ब्र करावा. अशा प्रकारे उत्तरपत्रिकेवर उत्तरक्रमांक नमूद क जाईल याची काळजी घ्यावी. ह्याकरिता फक्त काळ्या	त्मांक उत्तरपत्रिकेवरील सूचनेप्र तरताना तो संबंधित प्रश्नक्रमांक	3 आणि 4 असे क्रमांक दिलेले 😡 माणे तुमच्या उत्तरपत्रिकेवर नमूद ासमोर छायांकित करून दर्शविला
(5)	सर्व प्रश्नांना समान गुण आहेत. यास्तव सर्व प्रश्नांची शक्य तितक्या वेगाने प्रश्न सोडवावेत. क्रमाने प्रश्न त्यावर वेळ न घालविता पुढील प्रश्नाकडे वळावे. राहिल्यास कठीण म्हणून वगळलेल्या प्रश्नांकडे परतणे	सोडविणे श्रेयस्कर आहे पण अशा प्रकारे शेवटच्या प्रश्नापर	णिर नोहोत याचा दक्षता घऊनच एखादा प्रश्न कठीण वाटल्यास
(6)	उत्तरपत्रिकेत एकदा नमूद केलेले उत्तर खोडता येणार न जाणार नाही.	ाही. नमूद केलेले उत्तर खोडून	नव्याने उत्तर दिल्यास ते तपासले 🗗
(7)	प्रस्तुत परीक्षेच्या उत्तरपत्रिकांचे मूल्यांकन करताना उमे तसेच ''उमेदवाराने वस्तुनिष्ठ बहुपर्यायी स्वरूपाच्या त्यांच्या उत्तरपत्रिकेत सोडविलेल्या प्रत्येक चार चुकीच्य	प्रश्नांची अचूक उत्तरेच उत्तरा	पत्रिकेत नमूद करावीत. अन्यथा नि
परी प्रत, व्यव ''प का रुप	ता प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ क्षाकक्षात उमेदवाराला परीक्षेसाठी वापरण्यास देण प्रती, किंवा सदर प्रश्नपुस्तिकेतील काही आशय त्तीस पुरविणे, तसेच प्रसिद्ध करणे हा गुन्हा असून रीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाब प्रद्याच्या तरतुदीनुसार कारवाई करण्यात येईल व दोष ये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल. तसेच ह्या प्रश्नपत्रिकेसाठी विहित केलेली वेळ संप ा असून तसे करणारी व्यक्ती आयोगाच्या कर्मचा ही अशा व्यक्तीविरूद्ध उक्त अधिनियमानुसार कारवा	यात येत आहे. ही वेळ र कोणत्याही स्वरूपात प्रत्यक्ष अशी कृती करणाऱ्या व्यक्त तचा अधिनियम-82'' यातीत षी व्यक्ती कमाल एक वर्षाच्य ण्याआधी ही प्रश्नपुस्तिका अ रीवृंदापैकी, तसेच परीक्षेच्या	गयोगाची मालमत्ता असून ती संपेपर्यंत सदर प्रश्नपुस्तिकेची त वा अप्रत्यक्षपणे कोणत्याही तीवर शासनाने जारी केलेल्या न तरतुदीनुसार तसेच प्रचलित या कारावासाच्या आणि/किंवा नधिकृतपणे बाळगणे हा सुद्धा पर्यवेक्षकीयवृंदापैकी असली
	<b>पुढील सूचना प्र</b> ञ्ञनपुस्तिवे	त्रच्या अंतिम	मृष्ठावर पहा

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# कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK

Α	. 3 TNS					
1.	He <u>takes after</u> his father in many ways. Which of the following alternatives best explains the meaning of the above underlined phrase ?					
	(1) occupy(2) resembles(3) comprehends(4) carry					
2.	When the car in front came to an <u>abrupt</u> stop, we very nearly ran into it. Which of the following alternatives would best express the meaning of the underlined word in the above sentence ?					
	(1) slow (2) rude (3) sudden (4) broken					
3.	Identify from the given alternatives the appropriate synonym of the underlined word in the following sentence : A week of wet weather in the middle of the harvest would be a great calamity.					
	(1) discovery (2) message (3) claim (4) disaster					
4.	Japanese goods are inferior Chinese goods. Choose the appropriate alternative to fill in the blank in the above sentence.					
	(1) than (2) to (3) of (4) as					
_						
5.	Delhi is one of the biggest city in India.					
	Which of the following parts of the above sentence contains an error in it ?(1) Delhi is(2) one of the(3) biggest city(4) in India.					
6.	They are watching a movie.					
	Choose from the following alternatives, the correct passive form of the above sentence.					
	<ol> <li>A movie is watched by them.</li> <li>A movie is being metched by them</li> </ol>					
	<ul> <li>(2) A movie is being watched by them.</li> <li>(2) A movie has been metabod by them</li> </ul>					
	<ul><li>(3) A movie has been watched by them.</li><li>(4) A movie was watched by them.</li></ul>					
7.	My wallet has been stolen.					
	Choose from the following alternatives the correct active form of the above sentence.					
	(1) Stolen has been my wallet. (2) Stolen my wallet has been.					
	(3) Some one has stolen my wallet. (4) My wallet is stolen.					
8.	She must weep she will die.					
	Which of the following alternatives can best fill the blank in the above sentence ? (1) but (2) and (3) when (4) or					
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9.	Choose one of the alternatives that form		0				
	Don't count your chickens before they a						
	<ul> <li>(1) Don't count</li> <li>(2) before they are betched</li> </ul>	(2)	àre hatched Den't gount your chickong				
	(3) before they are hatched	(4)	Don't count your chickens				
10.	Choose one of the alternatives that f sentence :	forms	the adjective clause in the following				
	God helps those who help themselves.						
	(1) who help themselves	(2)	God helps those				
`	(3) those who help themselves	(4)	God helps themselves				
11.	Choose the correct negative sentence of	the a	affirmative sentence given below :				
	A few farmers saved their crop.						
	(1) Only some farmers saved their cro						
	(2) Not all farmers saved their crop.						
	(3) A few farmers did not save their c	rop.					
	(4) Not only some farmers saved their	crop.					
12.	Choose one of the alternatives that forms the noun clause in the following sentence :						
	What cannot be cured must be endured	1?					
	(1) must be endured	(2)	) What cannot be cured				
	(3) What must be endured	(4)	be cured must be				
13.	Choose the correct assertive form of the exclamatory sentence given below :						
	Oh that I had the wings of a bird !						
	(1) I do not wish I had the wings of a bird.						
	(2) I wish I had the wings of a bird.						
	(3) Wouldn't it be nice if I had the wings of a bird ?						
	(4) If I had the wings of a bird I would fly.						
14.	Choose the correct alternative to fill th	e blar	nk in the following sentence :				
	Neither of the answers corre	e <b>c</b> t.					
	(1) be (2) are	(3)	is (4) were				
15.	Choose the correct alternative to fill th	e blaı	nk in the following sentence :				
<b>TO</b> .	_						
10.	Abstain evil and do good.						

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I was surprised when I heard of his failure. **16**. Which of the given alternatives best expresses the meaning of the underlined word ? taken in (1)(2)taken up (3) taken aback (4) taken to Hydrogen is the lightest of all gases. 17. Choose from the alternatives the sentence giving the positive degree of comparison of the above sentence. (1)Hydrogen is lighter than any gas. (2)No gas is lighter than hydrogen. No gas is as light as hydrogen. (3) $(4)^{-1}$ Hydrogen is as light as any other gas. 18. He was generous even to his enemies. Choose the correct noun form of the underlined word. (1)generousity (2)generousness (3)generocity (4)generosity 19. The \_ for the factory was chosen by the architect. Choose the correct alternative to fill in the blank. (1)sight (2)site (3)cite (4) sait 20. He said "I am glad to be here this evening." Pick out the correct alternative that gives the above sentence in indirect speech. He said that I was glad to be there this evening. (1)(2)He said that he was glad to be there that evening. (3)He said that he was glad to be here this evening. (4) He said that I am glad to be here. 21. Science is a good servant but a bad master. Which of the following is a complex sentence of the above sentence ? Though science is a good servant, it is a bad master. (1)(2)Despite being a good servant, science is a bad master. (3) Science is a bad master and not a good servant. (4) Science is a good servant as well as a good master. SPACE FOR ROUGH WORK P.T.O.

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22.	Cho	ose from the	e alter	natives the n	oun form o	of the verb 'sit		
	(1)	sit	(2)	sat	(3)	seat	(4)	sitting
23.	Cho	ose from the	e alter	natives the v	erb form o	f the noun 'he	eir'.	
	(1)	inherit	(2)	heiress	(3)	heirling	(4)	heritage
24.	Cho	ose the corr	ect wo	rd which mea	ans "one ti	ravelling on fo	ot".	
	(1)	equestrian			(2)	pedestrian		
	(3)	philanthro	pist		(4)	pessimist		
25.	Cho	ose the corr	ect wo	rd which mea	ans "havin	g a bad reput	ation".	
	(1)	famous	(2)	nocturnal	(3)	irreputable	(4)	notorious
26.	A _	0	f ship.					
	Fill	in the blank	choos	ing from the	alternativ	es the correct	word der	noting collection
	(1)	flock	(2)	flight	(3)	fleet	(4)	pride
27.	Choose the correct antonym for the word 'make'.							
	(1)	remake	(2)	remark	(3)	mar	(4)	mare
28.	Choose the correct alternative which explains the phrase "fall flat".							
	(1)	to fall dow	n		(2)	to become fla	t and sha	apeless
	(3)	to impress			(4)	to produce no	o effect	
29.	Choose the alternative which best explains the idiom "let the cat out of the bag".							
	(1)	reveal a se	cret by	v mistake	(	(2) find out t	the hiding	g place
	(3)	being unab	ole to r	nanage an an	imal	(4) to do som	nething d	angerous
30.		Choose the alternative which best explains the proverb "Rome was not built in a day".						
	(1)							
	(2)	Time, patie	ence ai	nd hard work	are neede	d for an impor	tant and	difficult work.
	(3)	One has to	be su	fficiently dete	rmined ar	nd willing.		
	(4)	With the p	assage	of time, pair	n, grief and	l enmity are le	ess felt.	
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31.	When I reached the star Choose the correct form			a hla	unk	
	(1) left	(2)	had left		uik.	
	(3) will leave	(4)	had been leaving			
	(0) IIII Iouvo					
32.	He has lived here	ten years.				
	Choose the correct alter	native to fill in the a	bove blank.			
	(1) since (2) f	from (3)	for	(4)	till	
33.	Fill in the blank using t They mustn't do that, _	-	ag :			
	(1) mustn't they ?	(2)	must they ?			
	(3)  can they  ?	(4)	must that ?			
34.	Identify the type of pror He himself cleaned the r		sentence.			
	(1) Personal pronoun	(2)	Relative pronoun			
	(3) Distributive pronou	in (4)	Reflexive pronoun	L		
35.	I am the man seeks your guidance. Fill the above blank using the correct relative pronoun.					
	(1) that (2) v	who (3)	which	(4)	whose	
36.	Fill in the blank using a Mauritius is in	an appropriate article Arabian Sea.	).			
36.	Mauritius is in		e. a	(4)	no article	
3 <b>6.</b> 37.	Mauritius is in	Arabian Sea. an (3)	a		<u> </u>	
	Mauritius is in (1) the (2) a Identify from the alterna Can he help you ?	Arabian Sea. an (3)	a	nce	<u> </u>	
	Mauritius is in (1) the (2) a Identify from the alterna Can he help you ?	Arabian Sea. (3) atives the subject of he (3) led thems	a the following senter help elves.	nce	×	

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(1)

**39.** Would you mind occupying the next seat Which of the following punctuation marks would be appropriate at the end of the above sentence ?

- Full stop (2) Exclamation mark
- (3) Question mark (4) Colon

40. He is too clever to be easily deceived.

Choose the correct alternative containing the use of 'so that' instead of 'too'.

- (1) He is so clever that he cannot be easily deceived.
- (2) He is so clever that he can be easily deceived.
- (3) He is so clever to be easily deceived.
- (4) He is too clever that he can be easily deceived.

## Comprehension (Questions 41 – 45).

Read the given passage carefully and answer the following questions :

At the present time the fiercest and most dangerous animal with which human beings have to contend is man, and the dangers arising from purely physical causes have been very rapidly reduced. In the present day, therefore, fear finds little scope except in relation to other human beings, and fear itself is one of the main reasons why human beings are formidable to each other. It is a recognised maxim that the best defence is attack; consequently people are continually attacking each other because they expect to be attacked. Our instinctive emotions are those that we have inherited from a much more dangerous world, and contain, therefore, a much larger proportion than they should; this fear, since it finds little outlet elsewhere, directs itself against the social environment, producing distrust and hate, envy, malice and all uncharitableness. If we are all to profit fully by our new-won mastery over nature, we must acquire a more lordly psychology; instead of the cringing and resentful terror of the slave, we must learn to feel the calm dignity of the master.

Reverting to the impulses of approach and withdrawal this means that impulses of approach need to be encouraged, and those of withdrawal need to be discouraged. Like everything else, this is a matter of degree. I am not suggesting that people should approach tigers and pythons with friendly feelings : I am only saying that since tradition grew up in a more dangerous world, the present day occasions for fear and withdrawal are less numerous than tradition would lead us to suppose. The conquest of nature has made a more friendly and co-operative attitude between human beings possible and if rational men co-operated and used their scientific knowledge to the full, they could now secure the economic welfare of all — which was not possible in any earlier period.

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41. What does the author recommend in this passage ?

- (1) Approaching tigers and pythons with friendliness
- (2) Co-operation between human beings
- (3) The conquest of nature
- (4) None of the above

42. Which is the most dangerous creature in the world at present ?

(1)	Dangerous animals	(2)	Tigers and pythons
(3)	Lions and leopards	(4)	Man

**43.** Which is the basic feeling in mutual conflict ?

- (1) Envy and malice
   (2) Fear
   (3) Impulses of approach
   (4) Hate
- 44. Which is the best way to defend oneself ?
  (1) Withdrawal
  (2) Approach
  (3) Attack
  (4) Co-operation
- **45.** What would happen if human beings were to use their scientific knowledge to the maximum ?
  - (1) The dangerous creatures could be destroyed
  - (2) They can make the slaves cringe with terror
  - (3) It can lead to conquest of nature
  - (4) Economic welfare of all men would become possible

### Comprehension (Questions 46 - 50).

### Read the given passage carefully and answer the following questions :

Technology seems to come in waves. In the field of energy we are witnessing the fossil wave, solar and fusion are to follow. Between now and 2050 there are, it seems to me, three other technology waves which will blossom, plateau and to a large extent, determine what life will be like for the boom babies and their progeny. These technologies are electronics, genetics and psychology.

Electronics is blossoming now and will plateau in the first or second decade of the next century. This means that essentially anything we can conceive of doing electronically can be done; go anywhere telephones, fingertips information on nearly any topic, machines which speak and listen, three dimensional life size television, complete automation of appliances.

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Well before 2050 progress in artificial intelligence will certainly have caused us to re-examine what it means to be human. When machines which augmented human mechanical capability were first introduced at the nest of the industrial revolution, the Luddites, fearing the machine age, asked the question, "What's left for humans ?"

The answer at that time was that the human role is intellectual. Now there is the real possibility that machines will be able to perform intellectual tasks as well. Take any measure of human intellectual performance - IQ, recall, attention span, creativity. By early in the next century machines will be available which perform better in these dimensions than human beings. The Luddites questions will be asked again.

#### **46**. The passage

- (1)foretells the progress of technology upto 2050
- (2)is a commentary on the achievements of electronics
- (3)deals with the inventive genius of man
- (4) emphasises the helplessness of man in the age of technology
- 47. The passage foretells that between now and 2050 there will be many waves of technology except that of
  - (1)electronics (2)genetics psychology (4) fossil fuel (3)

(2)

(4)

#### **48.** The passage provides

- the author's stand in favour of technology (1)
- (2)an irrational account of the future
- (3) an objective look into the future
- a highly professional picture of the future (4)

**49**. The word 'plateau' means

- (1)the philosophy of Plato (2)
- (3)to grow strong

- to reach a high level
- (4)to spread far and wide

computerize

increase

- The word 'augment' means 50.
  - (1)transform
  - (3)reduce

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51.	When was the First Five Year Plan launched in India ?							
	(1)	April 1950 (2)	April 1951	(3)	May 1950	(4)	May 1951	
52.	Between which of the following countries was the "Panchasheel Treaty" signe 28 <sup>th</sup> June 1954 ?							
	(1)	India – Pakistan		(2)	India – Bangla	adesh		
	(3)	India – China		(4)	India – Sri La	nka		
53.	Who	o started 'Sharda S	Sadan' school a	at Mumb	ai in the year 1	1889 ?		
	(1)	Pandita Ramabai	i	(2)	Savitribai Ful	e		
	(3)	Anandibai Karve		(4)	Tarabai Shind	le		
54.	During whose tenure, was the first regular census of India held in 1881 ?							
	(1)	Lord Mayo		(2)	Lord Rippon			
	(3)	Lord Dufferin		(4)	Lord Curzon			
55.	Who was the founder of Banaras Hindu University ?							
	(1)	Dr. Sarvapalli Ra	dhakrishnan					
	(2)	Pt. Madan Moha	n Malviya					
	(3)	Lord Hardinge						
	(4)	Lord Chelmsford						
56.	When was the Indian Independence Act 1947, passed by the British Parliament?							
	(1)	3 <sup>rd</sup> June 1947		(2)	4 <sup>th</sup> July 1947			
	(3)	18 <sup>th</sup> July 1947		(4)	15 <sup>th</sup> August 1	947		
57.	Fror	n, the P	anchayat Raj	System is	s started in Ma	harasht	ra.	
	(1)	5 <sup>th</sup> March 1962		(2)	13 <sup>th</sup> March 19	62		
	(3)	1 <sup>st</sup> April 1962		(4)	1 <sup>st</sup> May 1962			
58.	Who	amongst the follo	wing is known	n as 'Rasl	htrasant' ?			
	(1)	Baba Amte		(2)	Tukdoji Mahai	raj		
		Anna Hazare		(4)	Gadge Baba			

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59.	Which of the following is an important cash crop in Khandesh, Western Vidharbha and parts of Marathwada ?						
	(1) Sugarcane (2) Soybean	(3)	Cotton	(4)	Tobacco		
60.	Which of the following places receives	s the hi	ghest rainfall i	n Mahar	ashtra ?		
	(1) Bhimashankar	(2)	Gaganbavda				
	(3) Mahabaleshwar	(4)	Amboli				
61.	As per the Census 2001, which of the lowest sex ratio (Male – female ratio)		wing districts	of Maha	rashtra has the		
	(1) Ratnagiri (2) Gondia	(3)	Sindhudurg	(4)	Pune		
62.	Which of the following districts has Development Corporation (MIDC) est	ates ?					
	(1) Thane (2) Sangli	(3)	Dhule	(4)	Parbhani		
	Which of the following districts has the least (minimum) area under Plantation Farming ?						
63.	_	the le	ast (minimum)	) area u	nder Plantation		
63.	_	the le (3)	ast (minimum) Hingoli		nder Plantation Buldhana		
	Farming ?	(3)	Hingoli	(4)	Buldhana		
	Farming ? (1) Washim (2) Nandurbar	(3)	Hingoli	(4) physical	Buldhana		
64.	Farming ?(1) Washim(2) NandurbarMaharashtra state has been broadly	(3) divided (3)	Hingoli into three	(4) physical	Buldhana divisions.		
64.	Farming ?(1)Washim(2)NandurbarMaharashtra state has been broadly(1)six(2)four	(3) divided (3)	Hingoli into three	(4) physical (4)	Buldhana divisions.		
64.	Farming ?(1)Washim(2)NandurbarMaharashtra state has been broadly(1)six(2)fourWhich state of India has the largest	(3) divided (3) buffalo	Hingoli into three population ?	(4) physical (4)	Buldhana divisions.		
64. 65.	Farming ?(1)Washim(2)NandurbarMaharashtra state has been broadly(1)six(2)fourWhich state of India has the largest(1)Maharashtra	(3) divided (3) buffalo (2) (4)	Hingoli into three population ? Uttar Prades Karnataka	(4) physical (4)	Buldhana divisions.		
64. 65.	Farming ?(1)Washim(2)NandurbarMaharashtra state has been broadly(1)six(2)fourWhich state of India has the largest(1)Maharashtra(3)Gujarat	(3) divided (3) buffalo (2) (4)	Hingoli into three population ? Uttar Prades Karnataka	(4) physical (4) h	Buldhana divisions.		
64. 65.	Farming ?(1)Washim(2)NandurbarMaharashtra state has been broadly(1)six(2)fourWhich state of India has the largest(1)Maharashtra(3)GujaratThe place nearest to mainland Sri La	(3) divided (3) buffalo (2) (4) anka fro	Hingoli into three population ? Uttar Prades Karnataka om India is	(4) physical (4) h	Buldhana divisions.		
64. 65. 66.	Farming ?(1)Washim(2)NandurbarMaharashtra state has been broadly(1)six(2)fourWhich state of India has the largest(1)Maharashtra(3)GujaratThe place nearest to mainland Sri La(1)Kanyakumari	<ul> <li>(3)</li> <li>divided</li> <li>(3)</li> <li>buffalo</li> <li>(2)</li> <li>(4)</li> <li>anka from</li> <li>(2)</li> <li>(4)</li> </ul>	Hingoli into three population ? Uttar Prades Karnataka om India is Dhanushkodi Chennai	(4) physical (4) h	Buldhana divisions.		
63. 64. 65. 66. 67.	Farming ?(1)Washim(2)NandurbarMaharashtra state has been broadly(1)six(2)fourWhich state of India has the largest(1)Maharashtra(3)GujaratThe place nearest to mainland Sri La(1)Kanyakumari(3)Rameshwaram	<ul> <li>(3)</li> <li>divided</li> <li>(3)</li> <li>buffalo</li> <li>(2)</li> <li>(4)</li> <li>anka from</li> <li>(2)</li> <li>(4)</li> </ul>	Hingoli into three population ? Uttar Prades Karnataka om India is Dhanushkodi Chennai	(4) physical (4) h	Buldhana divisions.		

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68.	In N	November 2009,	_ was appointed	as the Chief	Minister of Maharashtra.
	(1)	Vilasrao Deshmukh	(2)	Ashok Chav	an
	(3)	Sushilkumar Shinde	(4)	Narayan Ra	ne
69.	The	Advocate General of Stat	te is appointed b	у	
	(1)	President	(2)	Legislative (	Council
	(3)	Chief Minister	(4)	Governor of	State
70.	Cha	Sabha Speaker irman of Public Accounts position Sushma Swaraj.		-	
	(1)	G.M.C. Balayogi	(2)	Manohar Jo	shi
	(3)	Meira Kumar	(4)	Somnath Ch	atterji
71.	Chie	Government of India on a ef Justice of India, Justice nan Rights Commission. K.G. Balakrishnan	, a	as the sixth cl Ramesh Cha	nairperson of the National
	(3)	S. Rajendra Babu	(4)	V.N. Khare	
72.	The	is the hea	d of the Pancha	yat Samiti ad	ministration.
	(1)	Chief Officer	(2)	Extension O	fficer
	(3)	Chief Executive Officer	(4)	Block Develo	opment Officer
73.	The	records and accounts of	the Gram Panch	ayat are mai	ntained by the
	(1)	Gramsevak	(2)	Sarpanch	
	(3)	Deputy Sarpanch	(4)	Panchas	
74.	Who	o is the founder of Local S	Self Government	in India ?	
	(1)	Lord Rippon	(2)	Lord Dalhou	sie
	(3)	Lord Mountbatten	(4)	Morley Mint	0
75.		elected and ex-officio mer east once in	-	eneral body o	f the Zilla-Parishad, meet
	(1)	two (2) three	(3)	five	(4) six
SPA	CE FC	OR ROUGH WORK			P.

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76.	The Superposition theorem is essentially based on the concept of								
	(1) Recipro	city	(2)	Linearity					
	(3) Duality		(4)	Non-lineari	ty				
77.	For normal s	SCRs turn-on time is							
	(1) less that	an turn-off time t <sub>q</sub>	(2)	more than	t <sub>q</sub>				
	(3) equal to	o t <sub>q</sub>	(4)	half of t <sub>q</sub>		·			
78.	A choke coil	is an example of							
	(1) pure in	ductive circuit	(2)	R-L circuit					
	(3) R-C circ	cuit	(4)	R-L-C circu	it				
79.	The effect of increased temperature upon the resistance of the conductor is								
	(1) to incre	ase	(2)	to decrease					
	(3) no char	ige	(4)	increase in	length of c	onductor			
80.	The unit for	flux density is							
	(1) Tesla	(2) $A/mm^2$	(3)	N/m <sup>2</sup>	(4)	Weber/metro			
81.	If the back emf in a d.c. motor vanishes suddenly, the motor will								
	(1) start hu	unting	(2)	burn					
	(3) run at •	very high speed	(4)	run at very	low speed				
82.	The lamp th	at <i>cannot</i> sustain mu	uch voltage	fluctuations	is				
	(1) sodium	vapour lamp	(2)	mercury va	pour lamp				
			(4)		dide lamp				

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83.	In a parallel combination of four capacitors, 10 $\mu F,$ 20 $\mu F,$ 30 $\mu F$ and 40 maximum current passes through						
	(1) 10 $\mu$ F (2) 20 $\mu$ F	(3)	40 µF	(4) $30 \ \mu F$			
84.	A three-phase induction motor is rotor side, short-circuiting the state field is						
	(1) zero	(2)	equal to rot	or speed			
	(3) equal to synchronous speed	(4)	equal to slip	p speed			
85.	The illumination at any point on a the angle between the normal at th This statement is associated with		• -	-			
	(1) Planck's law	(2)	Bunsen's la	W			
	(3) Macbeth's law	(4)	Lambert's c				
87.	<ol> <li>Diminishing value method</li> <li>Straight line method</li> <li>Analogue Measuring Instruments c</li> </ol>	(2) (4) onnected t	Sinking fun None of the to AC circuit	above			
	(1) RMS value	(2)	Average val	ue			
	(3) Maximum value	(4)	None of the	above			
88.	<ul> <li>In controlled rectifiers, the nature continuous or discontinuous</li> <li>(1) does not depend on type of load</li> <li>(2) depends both on type of load a</li> <li>(3) depends only on type of load</li> <li>(4) depends only on firing angle d</li> </ul>	d and firin	ng angle dela				
	The permissible variation of freque	ncy in pov (3)	ver system is $\pm 5\%$	$(4) \pm 10\%$			
89.	$(1) \pm 1\%$ $(2) \pm 3\%$		/ -				
89.	(1) $\pm 1\%$ (2) $\pm 3\%$						
	Minority carriers in p-type semicon	ductors a					
89.  90.			re free holes None of the				

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91.	A large diversity factor of the load in a po	wer system
	(1) reduces the installation cost	(2) increases the installation cost
	(3) does not affect the installation cost	(4) increases the total cost
92.	A step-up chopper has $V_s$ as the source volt output voltage for this chopper is given by	age and $\alpha$ as the duty cycle. The average
	(1) $V_{s}(1 + \alpha)$ (2) $V_{s}/(1 - \alpha)$ (3)	) $V_{s}(1-\alpha)$ (4) $V_{s}/(1+\alpha)$
93.	For a system having $Z_S >> Z_L$ , which of the	e following relays is most suitable ?
	(1) IDMT (2	) DTOC
	(3) Very inverse OC (4	) Extreme inverse OC
94.	A single-phase full bridge inverter can op load consists of	erate in load-commutation mode in case
	(1) RL (2	) RLC underdamped
	(3) RLC overdamped (4	) RLC critically damped
95.	Back to back HVDC is used to	
	(1) increase the transmission capability	(2) decrease line losses
	(3) provide stable interconnection	(4) reduce voltage drop
96.	Transient response in R-L-C series circuit	with d.c. excitation is overdamped when
	(1) $\left(\frac{R}{2L}\right)^2 > \frac{1}{LC}$ (2)	$\left(\frac{R}{2L}\right)^2 < \frac{1}{LC}$
	$(3)  \left(\frac{R}{2L}\right)^2 = \frac{1}{LC} \tag{4}$	) None of the above
97.	A 5 kVA transformer has iron loss 300 W maximum efficiency of the transformer wou	* *
	(1) $700 \text{ W}$ (2) $600 \text{ W}$ (3)	) $800 \text{ W}$ (4) $500 \text{ W}$
98.	Surge impedance of overhead line is of the	order of
	(1) tens (2) ones (3	) hundreds (4) thousands
99.	A voltage wave of 50 Hz, having an rms v	alue of 415 V is expressed as
	(1) $415 \sin 314 t$ (2)	) $415\sqrt{2} \sin 314 t$

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100.	If th	ne power co	nsume	d by a ba	lanced syst	em with del	ta connecte	d resista	ances is
		W, what within the wit	vill be	the power	consumed	when the sa	ame are co	nnected	in sta
	(1)	300 W	(2)	150 W	(3)	100 W	(4)	900 W	
101.	The	effect of ra	infall o	on the insula	ator is				
	(1)	breakdowr	n streng	gth of insula	tion decrea	ises			
	(2)	flashover l	ength	reduces					
	(3)	flashover v	voltage	increases					
	(4)	flashover l	ength	increases					`
102.	Hea	t sinks used	d for tr	ransistors ar	nd semi-con	ductors			
	(1)	increase th	ne reve	rse current	(2)	decrease th	ne forward o	current	
	(3)	control the	e tempe	erature effec	t (4)	help in dop	ing process	ļ	
103.	In a	particular	circuit				N		
	Ι	= $I_m \sin(\omega)$	t – 270	))					
		$V = V_m \sin (\theta)$							
		n type of ci							
	(1)	pure resist	tive cir	cuit	(2)	pure induct	tive circuit		
	(3)	pure capac	citive ci	ircuit	(4)	None of the	e above		
104.			•	age to an in pproximatel		otor is reduc	ed by 10%	, the ma	iximum
	(1)	5%	(2)	10%	(3)	20%	(4)	40%	
105.	The	inductance	of a p	ower transm	nission line	increases wi	ith		
	(1)	decrease in	n line l	ength					
	(2)	increase in	ı diame	eter of condu	ictor				
	(3)	increase in	ı spacir	ng between t	the phase c	onductors			
	(4)	increase in	n load d	current carri	ed by condu	uctors			
106.	The	arc voltage	in a c	ircuit break	er is				
	(1)	in phase w	vith arc	current	(2)	lagging arc	current by	90°	

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107.		Which of the following devices was specifically developed to control a.c. power by varying the circuit conduction angle ?										
	(1)	The SCR										
	(2)	The Triac										
	(3)	The Diac										
	(4)	The two tra	nsisto	or negative	resistance s	witch						
108.	Shu	nt capacitors	in a	substation								
	(1)	consume lag	gging	VAR	(2)	deliver laggir	ng VAR					
	(3)	consume act	tive p	ower	(4)	deliver active	e power					
109.	The	standard sec	conda	ry current f	for a curren	t transformer	is					
	(1)	15 Amp.	(2)	10 Amp.	(3)	5 Amp.	(4)	2 Amp.				
110.	In a	n RLC circui	t the	power fact	or at resona	nce condition	is					
	(1)	zero	(2)	one	(3)	0.9	(4)	0.2				
			outpu	t to input o	change for a	given measur	ing syste	m is referred t				
111.			outpu	t to input o	change for a (2)	given measur Linearity	ing syste	m is referred t				
111.	The as	ratio of the o	outpu	t to input o	-	-		m is referred t				
	The as (1) (3) A 10	ratio of the Sensitivity Stability V battery is ery and the	s conr	nected to a	(2) (4) 6 Amp. curr	Linearity None of the a rent source. Th	above  ne power	m is referred t absorbed by th tive terminal o				
	The as (1) (3) A 10 batt	ratio of the Sensitivity Stability V battery is ery and the	s conr	nected to a	(2) (4) 6 Amp. curr	Linearity None of the a rent source. Th	above ne power the posi	absorbed by th				
	The as (1) (3) A 10 batta	ratio of the Sensitivity Stability V battery is ery and the ery)	s conr curre	nected to a	(2) (4) 6 Amp. curr s given by (	Linearity None of the a rent source. Th current enters	above ne power the posi	absorbed by th				
112.	The as (1) (3) A 10 batt (1) (3)	ratio of the Sensitivity Stability V battery is ery and the ery) 60 W, 60 W - 60 W, - 60	s conr curres	nected to a nt source is	(2) (4) 6 Amp. curr s given by ( (2) (4)	Linearity None of the a rent source. Th current enters 60 W, - 60 W - 60 W, 60 W	above le power the posi	absorbed by th tive terminal o				
112.	The as (1) (3) A 10 batt (1) (3)	ratio of the Sensitivity Stability V battery is ery and the ery) 60 W, 60 W - 60 W, - 60	s conr curres	nected to a nt source is	(2) (4) 6 Amp. curr s given by ( (2) (4)	Linearity None of the a rent source. Th current enters 60 W, - 60 W - 60 W, 60 W	above le power the posi	absorbed by th tive terminal o				
112. 113.	The as (1) (3) A 10 batt (1) (3) In a (1)	ratio of the Sensitivity Stability V battery is ery and the ery) 60 W, 60 W - 60 W, - 60 n-phase circ	s conr currer ) W cuit, t (2)	he phase and 150°	(2) (4) 6 Amp. curr s given by ( (2) (4) ngle between	Linearity None of the a rent source. Th current enters 60 W, - 60 W - 60 W, 60 W n successive pl <u>360°</u>	above the power the posi	absorbed by th tive terminal o given by <u>180°</u>				
112. 113.	The as (1) (3) A 10 batt (1) (3) In a (1)	ratio of the Sensitivity Stability O V battery is ery and the ery) 60 W, 60 W - 60 W, - 60 n-phase circ 120°	s conr curres ) W cuit, t (2) s mea	he phase and 150°	(2) (4) 6 Amp. curr s given by ( (2) (4) ngle between	Linearity None of the a rent source. Th current enters 60 W, - 60 W - 60 W, 60 W n successive pl <u>360°</u>	above the power the posi hases is g (4)	absorbed by th tive terminal o given by <u>180°</u>				

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		ring, backlash, fri wn as	ction between	moving p	arts and scale	accuracies are generally
	(1)	instrument error	S	(2)	interference e	rrors
	(3)	calibration errors	5	(4)	interaction er	rors
116.		an Epstein square inations are so ar		ling the in	ron loss in a s	tack of laminations, the
	(1)	plane of each lan	nination is per	pendicula	r to the plane o	of square
	(2)	plane of each lan	nination is par	allel to th	e plane of squa	are
	(3)	plane of each lan square	nination may b	e either p	parallel or perpe	endicular to the plane of
	(4)	plane of each lan	n <b>ination may</b> b	oe at any	angle to the pla	ane of square
117.	Dan	nper winding is pr	ovided in sync	hronous	motor	
	(1)	to reduce speed		(2)	to prevent hu	nting
	(3)	to provide startir	ng torque	(4)	both (2) and (	3)
118.	The	most common ger	neration in Inc	lia is		
	(1)	11 kV (2)	1·1 kV	(3)	66 kV	(4) 33 kV
119.		connect a numbe ee-phase transform				) V, the secondary of
	(1)	Delta (2)	Star	(3)	Open Delta	(4) Tee-Tee
120.	Hig	h resistances are p	rovided with a	ı guard te	erminal. This g	lard terminal is used to
120.	Hig (1)	h resistances are p bypass the leaka		a guard te	erminal. This g	uard terminal is used to
120.	(1) (2)	bypass the leaka guard the resista	ge current .nce against st	ray electro	_	ard terminal is used to
120.	<ol> <li>(1)</li> <li>(2)</li> <li>(3)</li> </ol>	bypass the leaka guard the resista guard the resista	ge current ince against str ince against ov	ray electro	_	ard terminal is used to
120.	(1) (2)	bypass the leaka guard the resista	ge current ince against str ince against ov	ray electro	_	ard terminal is used to
	(1) (2) (3) (4) N-ch	bypass the leakag guard the resista guard the resista None of the abov	ge current ince against str ince against ov e	ray electro rerloads han P-cha	ostatic field annel type MOS	SFET because
	<ol> <li>(1)</li> <li>(2)</li> <li>(3)</li> <li>(4)</li> </ol>	bypass the leakaguard the resista guard the resista None of the abov	ge current ince against str ince against ov e	ray electro eerloads	annel type MOS it is TTL comp	SFET because batible
	(1) (2) (3) (4) N-ch	bypass the leakag guard the resista guard the resista None of the abov	ge current ince against str ince against ov e TET is better t	ray electro rerloads han P-cha	annel type MOS it is TTL comp	SFET because batible
121.	(1) (2) (3) (4) <b>N-ch</b> (1) (3)	bypass the leakag guard the resista guard the resista None of the abov hannel type MOSF it is faster	ge current ince against str ince against ov e ET is better t e immunity	ray electro rerloads han P-cha (2) (4)	annel type MOS it is TTL comp it has better d	SFET because batible

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123.	Illur	nination of	one lu	men per sq	uare metre	is called		
	(1)	lumen met	tre		(2)	lux		
	(3)	foot candle	9		(4)	candela		
124.	In a	$3\frac{1}{2}$ digit v	oltmete	er, the larg	est number	that can be r	read is	
	(1)	0999	(2)	1999	(3)	4999	(4)	9999
125.						o a d.c. volta is closed is e	-	of V volts. Th
	(1)	zero	(2)	V/L	(3)	V/R	(4)	VL/R
126.		-			-	erating at uni factor laggin	• •	factor is 500 V
	(1)	475 W			(2)	500 W		
	(3)	525 W			(4)	None of the	above	
127.	For are	a load flow	solutio	on the quan	tities norma	lly specified a	at a voltag	ge controlled bu
	(1)	P and Q	(2)	$\mathbf{P}$ and $ \mathbf{V}$	(3)	$\mathbf{Q} \text{ and }  \mathbf{V} $	(4)	${\bf P}$ and $\delta$
128.	Mos	t efficient e	lectrica	al distributi	on transform	ners are mad	e with	
	(1)	Silicon all	oyed ire	on cores	(2)	Amorphous	metal cor	es
	(3)	Iron core			(4)	None of the	above	
129.		successful lition is tha	-	-	n of two si	ngle-phase tr	ansformer	s, the essenti
	(1)	percentage	e imped	lances shou	ld be equal			
	(2)	turns ratio	shoul	d be exactly	y equal			
	(3)	polarities :	must b	e properly o	connected			
	(4)	KVA ratin	g shoul	d be equal				
130.	The	most econo	mic loa	ad on an u	nderground	cable is		
	(1)	greater th	an its s	surge loadir	ng (2)	less than su	ırge loadir	ng
	(3)	equal to s	urge loa	ading	(4)	None of the	above is a	necessary

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- 131. A 6-pole machine is rotating at a speed of 1200 rpm. This speed in mechanical rad. per sec. and electrical rad. per sec. is respectively
  - (1)  $40\pi, 40\pi/3$  (2)  $120\pi, 40\pi$  (3)  $20\pi, 60\pi$  (4)  $40\pi, 120\pi$
- **132.** As compared to DOL starting, a cage induction motor with star-delta starting shall have
  - (1) more starting torque (2) more starting current
  - (3) reduced starting current (4) smooth acceleration

133. In order to have lower cost of electrical energy generation

- (1) the load factor and diversity factor should be low
- (2) the load factor should be low but diversity factor should be high
- (3) the load factor should be high but diversity factor should be low
- (4) the load factor and diversity factor should be high

134. The supply voltage |V| in diagram below is  $\begin{array}{c} & & & \\ & & & & \\ & & & & \\$ 

135. The armature core of a d.c. machine is laminated to minimise

- (1) Hysteresis loss (2) Eddy current loss
- (3) Mechanical loss (4) Temperature rise
- 136. The residual magnetism of a self-excited d.c. generator is lost. To build up its emf again
  - (1) the field winding must be replaced
  - (2) the armature connection must be reversed
  - (3) the field winding connection must be reversed
  - (4) field winding must be excited by low voltage d.c. supply

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- **137.** The connected load of a consumer is 2 kW and his maximum demand is 1.5 kW. The load factor of the consumer is
  - (1)
     0.75
     (2)
     0.375

     (3)
     1.33
     (4)
     None of the above
- 138. A 3-phase synchronous motor, connected to an infinite bus, operates at a leading power factor. For constant load torque, if excitation is increased
  - (1) load angle  $\delta$  and power factor angle  $\Theta$  both decrease
  - (2)  $\delta$  and  $\Theta$  both increase
  - (3)  $\delta$  increases but  $\Theta$  decreases
  - (4)  $\delta$  decreases but  $\Theta$  increases
- 139. The power delivered to a three-phase load can be measured by the use of two wattmeters only when the
  - (1) load is unbalanced
  - (2) load is balanced
  - (3) 3-phase load is connected to source through 3-wires
  - (4) 3-phase load is connected to source through 4-wires
- 140. The back emf for a d.c. motor with 'P' poles, Z conductors and running at N rpm is given by

(1) $\frac{\phi Z P}{60 A}$ (2) $\frac{P \phi N Z}{A}$ (3)	$\frac{\phi Z N P}{60 A} \tag{4}$	$)  \frac{\phi Z N P}{60}$
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141. Self GMD is used in the calculation of

(1)	inductance only	(2)	inductance and capacitance
(3)	capacitance only	(4)	None of the above

142. The impedance of a circuit is given by Z = 3 + j4. Its conductance is given by



143. Which one of the following is characteristic of an offset MHO relay ?



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144.	Zero	sequence of	currents	s does not	exist in	the	following fa	ault :		
	(1)	L-G	(2)	L-L		(3)	L-L-G		(4)	L-L-L-G
145.	A th	yristor has	been f	ired by an	appropr	riate	gate pulse	When	will	it turn off?
	·(1)	When app	lied vol	tage chang	ges polar	ity				
	(2)	When curr	ent thr	ough devi	ce falls b	elow	holding cu	rrent		
	(3)	When curr	ent thr	ough devi	ce falls b	elow	latching cu	irrent		
	(4)	When a ga	te puls	e of oppos	ite polari	ity a	pplied			
146.	Stea	dy state sta	ability o	of a power	· system	is in	nproved by			
	(1)	reducing fa	ault cle	aring time	•					
	(2)	using doub	ole circu	it line ins	tead of s	ingle	e circuit lin	е		
	(3)	single pole	switch	ing						
	(4)	decreasing	genera	tor inertia	1					-
147.	Holl	ow conducto	ors are	used in ti	ransmiss	ion 1	ines to			
	(1)	reduce wei	ight of a	opper		(2)	improve s	tability		
	(3)	reduce cor	ona			(4)	increase p	ower tr	ansn	nission capacity
148.		speed of a chieved by	d.c. shu	int motor	is to be	incr	eased beyon	nd its r	ated	value. This ca
	(1)	inserting a	a resista	nce in arr	nature ci	ircui	t			
	(2)	adding an	externa	l resistan	ce in the	field	d circuit			
	(3)	applying a	reduce	d voltage						
	(4)	None of th	e above							
149.	The	bus admitt	ance m	atrix (Y-bi	us) of a j	powe	er system is	not		
	(1)	symmetric								
	(2)	a square m	natrix							
	(3)	a full matr	ix							
	(4)	generally h	naving o	lominant	diagonal	elen	nents			
						0.110	dor oveited	ita nor		
150.	Whe	n a three-p	hase sy	nchronous	s motor i	s un	uer-excited	, its pow	wer f	actor will be

https://www.freshersnow.com/previous-year-question-papers/

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## सूचना - (पृष्ठ 1 वरुन पुढे....)

(8) प्रश्नपुस्तिकेमध्ये विहित केलेल्या विशिष्ट जागीच कच्चे काम (रफ वर्क) करावे. प्रश्नपुस्तिकेव्यतिरिक्त उत्तरपत्रिकेवर वा इतर कागदावर कच्चे काम केल्यास ते कॉपी करण्याच्या उद्देशाने केले आहे, असे मानले जाईल व त्यानुसार उमेदवारावर शासनाने जारी केलेल्या ''परीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचे अधिनियम-82'' यातील तरतुदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षाच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल.

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(9) सदर प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपल्यानंतर उमेदवाराला ही प्रश्नपुस्तिका स्वतः बरोबर परीक्षाकक्षाबाहेर घेऊन जाण्यास परवानगी आहे. मात्र परीक्षाकक्षाबाहेर जाण्यापूर्वी उमेदवाराने आपल्या उत्तरपत्रिकेचा भाग-1 समवेक्षकाकडे न विसरता परत करणे आवश्यक आहे.

## नमुना प्रश्न

Pick out the correct word to fill in the blank :

 Q. No. 201. I congratulate you \_\_\_\_\_\_ your grand success.

 (1) for
 (2) at
 (3) on
 (4) about

 ह्या प्रश्नाचे योग्य उत्तर "(3) on" असे आहे. त्यामुळे या प्रश्नाचे उत्तर "(3)" होईल. यास्तव

 खालीलप्रमाणे प्र.क्र. 201 समोरील उत्तर-क्रमांक "3" हे वर्तुळ पूर्णपणे छायांकित करून दाखविणे आवश्यक आहे.

 प्र.क्र. 201. (1)
 (2)

अशा पद्धतीने प्रस्तुत प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाचा तुमचा उत्तरक्रमांक हा तुम्हाला स्वतंत्ररीत्या पुरविलेल्या उत्तरपत्रिकेवरील त्या त्या प्रश्नक्रमांकासमोरील संबंधित वर्तुळ पूर्णपणे छायांकित करून दाखवावा. ह्याकरिता फक्त काळ्या शाईचे बॉलपेन वापरावे, पेन्सिल वा शाईचे पेन वापरू नये.

कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK