DO NOT OPEN THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO

BH 2013 PAPER I

Test Form No. टेस्ट फॉर्म सं. 777 TG 8

Time Allowed: 2 Hours

1029998

निर्धारित समय : 2 मंटे

Maximum Marks: 200

अधिकतम अंक : 200

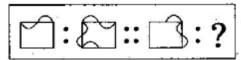
Rued the following instructions carefully before you begin to answer the quantions. This Booklet portains questions in English as woll as in Hiral. प्रकारी के उत्तर देने से पहले नीचे लिखे अनुदेशों को प्यान से पढ़ लें । इस पुस्तिका में प्रकार अंग्रेजी तथा हिन्दी दोनों में दिये गये हैं ।

200	INSTRUCTIONS TO CANDIDATES		उम्मीव्यारी के लिए अनुदेश	121112
1.	This Booklet centelns 240 questions in all comprising the following three tests:	1.	इस पुरित्का में कुल 200 प्रान हैं, जिनमें निम्नलिक्टि तीन फोक	ान कापिल हैं :
	Test (i) : General but liigneer and Ressaning (50 Questions) Test (ii) : General Awareness (50 Questions)		परीक्षण (i) : सामान्य बृद्धि और हर्क परीक्षण (ii) : सामान्य जानमध्य	(50 प्रश्न) (50 प्रश्न)
	Test (iii) : Part - A : General Engineering (100 Questions) (Card and Structural) OR		परीक्षण (iii) : स्थ्य – क : सामान्य इंजीनिक्सी (सिवित एवं संस्थानत्मक) , अस्तव्या	(100 ਸਮ)
	Part - B : General Engineering (100 Questions) (Electrical) OR		भे धान — ख : साम्पन्न (जीनिसरी (विद्युव) अक्षको	(100 प्रस्र)
	Part - C : General Engineering (100 Questions) (Mechanical)		भ्रम — ग : तामान्य इत्रीतिकारी (वाजिका)	(100 प्रस)
2.	In questions set bilingually in English and Hindi, in case of discrepancy, the English version will prevail.	2.	अंद्रेज़ी और हिन्दी माना में तैयार किए गए द्विभानी प्रत्यों में सोई	श्यांगदि होने की
3.	Test-I General Intelligence and Reasoning and Test-II General Awareness are computatory for all the candidates. Candidates are required to attempt only one Section in Test-II General Engineering in Part A Civil and Structural OR Part B Electrical OR Part C Machamad as per option in the application form given by the cardidates fulling which you will be avaisated "22820" mark.	3.	क्रिक्षीत में अंग्रेज़ी विश्वास्त्र माना होगा । परिश्वम । सामान्य मुद्धि और तथी एवं परिश्वम ।! सामान्य अन्यार परिश्वम ।!! सामान्य इंगीतिश्री का मेजल एक ही पर अनुसार परिश्वम ।!!! सामान्य इंगीतिश्री का मेजल एक ही पर संस्थानास्त्र अक्का चागान्त्र नेयुत्र अस्त्रा भागन्य नोविक को अन्यारा आस्त्रो मृत्यु अंक दिवा जायन ।	। दिए विकल्प के म-क मिविल एवं
5.	All questions are compulsory and carry equal marks. The paper curries negative marking, 0.25 marks will be deducted for		सामा प्रस्त अनिवास है सना सबके स्वाहर अंक हैं।	
6.	each wrong grewer.	ă.	करन पत्र में नकारात्मक अंकन होता ? हा ज़लत जान के लिए बहुत पत्र में	0-25 NW WART
	Before you start to answer the questions you must check up this Booklet and resure that it contains all the pages (1-89) and see that as page is missing or repentate, if you find any defect in this Booklet, you must get it replaced immediately.	6.	प्रदर्भों के उक्त देने से बहुत्ते अस्य इस पुस्तिका की औष करके कुरे पुड़ (1-80) हैं सबा लोड़े पुड़ कम दे। तुवारा हो नहीं आ क	रेख में कि इसमें
7.	You will be supplied the Answer-Short reported by the invisitance.		इस पुस्तिका में कोई हुई गर्द भी अन्याल इसके बदले दूसरा	पुलिका से लें।
**	Before you actually start asswering the quantions, you must complete	7.	निरीक्षक द्वारा आएको उत्तर पश्चिका अलग से 🗗 कारणी । उत्तरी वे	ने उत्तर बास्तव में
	and code the details of Name, Roll Number, Ticket Number, Figure of the examination as mentioned in the admission certificate. Date of		कुरू करने में पारले आप जरा-मंत्रिका के Side-I में निवासवारी।	
	wirth, Test Form Namber and Stream i.e. Civil and Structural OR	*	केंग्य, रोल सम्बद्ध, विश्वास संस्थार, परीक्षा का राज्य कीने प्रयोग क्या है, कन्य निर्मेश, देशस कामी संस्थान तथा विश्वय अर्थात् निर्मित एर	में विकास गया
	carefully. You must also put your signatures and left hand		ह, कन्य त्याप दल्द जाम अवस्था तथा त्याप अवस्य आग्राह आखा ए विद्युत या योजिक अहींद अवस्य सिक्सें । प्रश्नों के उसर देने से व	क्षात्रे जन्म प्रतिकंत सर्वे जन्म प्रतिकंत
	thumb imprezaion on the Answer-Short at the prescribed place		क रिवर्गीता स्थान में आप अपने हस्तामा एवं बार्व हाथ के अब	
	Republic your meant get it required transmissions. You will be supplied the Answer-Shoet superately by the Invigilizate. Budget your accusely start answering the glasticine, you must complete and could the decisis of Name, Self Namely, Technic Namely, Name of the examinations as mentioned to the admission conflictent, Pages of the examinations as mentioned to the admission conflictent, Pages of these, Technical Chemistry of the Answer-Shoet and Sentential Chemistry of the Answer-Shoet and Sentential Chemistry of the Answer-Shoet and the page of the Answer-Shoet will not be evaluated and you will be greatful (MERO) must.		क्यांच्य लगाई । उपनुंक अनुदेशों का क्षी तक अनुसाल कि असके अस-प्रतिका को जीवा की जला और दिल्ली अंक देश	क्ट जास्, अन्यका ए जास्या ।
8	mark. Answers must be shown by contribute hisotomine the corresponding	8	अनेम-मेरिका में सामी उत्तर Sido-II में प्राप्त संख्या के सामने वि	ये गर्ध सम्बन्धित
	Answers must be shown by completely blackening the corresponding could on Side-II of the Assower Short against the relevant question number by Black/Blue Ball-point Pan cply. Adapters which are not shown by Black/Blue Ball-point Pan will not be sweated say mark.		अच्छाकार कर्मों को केमन काला/रोला कोल बॉट के से सूर्त । दिखारी । जो अध्याकार बाने काला/बीला बॉल-पॉइंट रेन से नहीं लिए कोई अंक नहीं दिवा करना ।	मेर्र बहरी, इनके
9.	A machine will read the coded information in the OMR Answer-Sheet to case the information is incomplete or different from the different great in the application form, such considers will be awarded "PERO" mark.	2.	ओ,एप.आर. उत्तर-पत्रिका में भएँ गई कुट सूचना पत्रे एक सर सूचना अपूर्व है अक्का अकेदन अपने में दी गई सूचना से सिन्न है. स्त्रों किया अंक दिया जाएगा ।	तीन पद्धेगी । बदि , भी ऐसे अभ्यानी
10.	The Answer-Short must be handed over to the hydrilator believe you	10.	परिक्रा-पद्मत स्रोद्धने से पहले परीक्षाओं को उत्तर-पश्चिक किरीक्षक के	के तमारों कर देवी
11.	leave the Econometrics Hall Failters to comply with any of the above instructions; will recider a candidate liable to such action/pressity as may be decided fit.	11.	वाहिए । कुप्त के अनुस्था के ही किस्सी एक क्षा की पालनू न करने क	न अव्यक्तिकार पर
12.	The manner in which the different questions are to be arrowed has been explained at the back of this Booklet (Page No. 30), which you should read carefully before actually accreting the questions.	12.	विश्वेकानुसार्ग कार्यवाही की जा सकती है वा क्ट दिया जा सब विभिन्न प्रकों के जार देने की विधि इस पुस्तिका के पीले (पुत्र सं हुए भिद्देशों में हे हो वह है, इसे अब्ब अन्तों के उच्च देने हैं कर	कमा 80) में अपे
18.	Answer the countions to quickly and as corefully as you can. Some questions may be difficult and others easy. Do not spend too much	18.	ते । प्रदुर्वे के उन्तर किन्ती करदी हो सके तथा भ्यानपूर्वक हैं । कुछ प्रदन	आहान तथा कुछ
14.	time or any question. No rough work is to be done on the Amerer-Sheet. Space for rough work has been provided below the questions.	14,	कड़िन हैं । किसी एक प्रस्त पर बहुत अधिक केंग्रन न लगाएँ । कोई एक कार्य जार-पत्रिका पर बाँगें करना है । रफ़ कार्य के हैं के तीने विधा कार है ।	लिए स्थान प्रस्को
15.	"Modific phones and wireless communication devices are completely beaused in the examination heliciness. Conflictors are communicative as a set to keep mabile phonestory effect whether are communication devices with them even switching it off, in their own instead. Failing to comply with this previous will be examined as using unfair means in the examination and action will be taken against them including cancellation of their capsidators."	15,	क तथा करा करा करा है। "क्लिका हार्राविकारों में स्पेताहरू कोन तथा नेतार संचार ! निर्मिद्ध हैं ! उपनीदकारों को उनके अपने हित में सम्बाद वी जाने प्रोचेनिकारी जन्म बेतार संचार साधन को निष्य करीक स्वीत एकों ! इस प्राथमित का लियुम्पस्थन न करने को परिश्व। में शन् प्रवेश सामा कार्यन और उनके विरुद्ध कर्मकाई सी अपनीत्मा एक नहीं में सिंह !"	है कि बोजाइल मी अपने पास न चित्र उपायों का

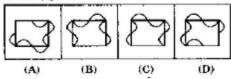
TEST (i): GENERAL INTELLIGENCE AND REASONING

Directions : In questions no. 1 to 9, select the 4related figure/letters/number from the given alternatives.

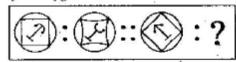
1. Question figures:



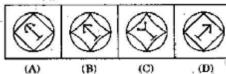
Answer figures :



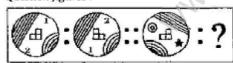
2. Question figures:



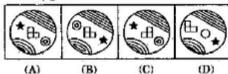
Answer figures:



Question figures:



Answer figures:



- 23:8::32: 7
 - (A) 6
- (B) 9.
- (C) 17
- (D) 27
- MLKJ: NOPQ:: IHGF: _?_
 - (A) UTSR
- (B) RSTU
- (C) SRUT
- (D) UTRS
- ACEG: ZXVT:: BDFH: 7
 - (B) YXWV (A) YWUS
 - (C) YWVT
- (D) YXVW
- 7. BADC: XWZY:: FEHG: ?
 - (A) VXRT
- (B) TSVU
- (C) YXCV
- (D) VSXW

8.
$$\frac{5}{9}:\frac{7}{13}::\frac{10}{19}:\frac{?}{.}$$

- 14
- 3:9::6:
 - (A) 14
- (C) 17
- (D) 16

Directions: In questions no. 10 to 18, select the one which is different from the other three responses.

- 10. (A) 7-145
- (B) 6-108
- (C) 5-75
- (D) 4-48
- (A) Mars

- (B) Jupiter
- (C) Earth (A) Geeta 12.
- (D) Comet
- (C) Bible
- (B) Quran (D) Mahabharat
- 13. (A) Message
- (C) Matter
- (B) Information (D) Material
- 14. (A) Guitar
- (B) Veena
- (C) Flute
- (D) Sitar

15. (A) 17-142 (B) 71-34 (C) 41-28 (D) 14-28 (B) 5, 7, 9, 11 16. (A) 3, 5, 7, 9 (C) 4, 6, 8, 10 (D) 2, 5, 9, 10 17. (A) 8662 (B) 5731 (C) 4628 (D) 2864 18. (A) Tagore (B). Raman (C) Bhaskara (D) Khurana 19. Arrange the following words in a meaningful order: Vineyard Grapes Whisky Brewing 3. 5. Distillation (A) 2, 1, 5, 4, 3 (B) 3, 5, 4, 2, 1 (C) 2, 1, 4, 3, 5 (D) 2, 1, 4, 5, 3 20. Which will appear fourth in the dictionary? (A) Xylophilous (B) Xylophagus (C) Xylopyrography (D) Xylophagan

21. Number of lotters skipped in between adjacent letters in the series increases by one. Which of the following series observes the rule given below?

(A) BEIN

(B) CDJO

(C) GJLS

(D) QUNZ

22. In the following words, the group of letters should not contain more than three vowels. Which of the following words does not conform to the rule?

- (A) SCARCITY
- (B) PROGNOSIS
- (C) COMPLEXITY :
- (D) CONVULSION

Directions: In questions no. 23 to 26, choose the correct alternative from the given responses that will complete the series.

23. · ? . PSV, EHK, TWZ, ILO

(A) BEH

(B) IMP

(C) ACG

(D) ADG

24. 78, 86, 2, 88, 82, 90

(A) 76

(R) 84

(C) 83

(D) 80.

26. 37 13 ? 31 43 57

(A) 51

(B) 81 (D) 21

(C) 41

26. EJOT, INSX, AFKP. ?

(A) CHMS

(B) XTOJ

(C) BGLQ

(D) EJOT

27. My father has two brothers. The youngest has two sons and one daughter. The elder one has one son and two daughters and the remaining one has three sons. If my father has four nephews, how many cousins (brothers) have I got?

(A) 6

(B) 4

(C) 7

(D) 5

Find the wrong number in the given series.
 3, 7, 15, 31, 64, 127

(A) 127

(B) 64

(C) 31

(D) 3

29. A car covers the first half of the distance between two places at 40 km/hr and the second half of the distance at 60 km/hr. So what is the average speed of the car?

(A) 46 km/hr

(B) 48 km/hr

(C) 50 km/hr

(D) 60 km/hr

- 30. In a certain code language, TOGETHER is Directions i In questions no. 36 and 37, find the EGTORETH. How 86 CONGRATULATE written in that language?
 - (A) GRTULTEANOC
 - (B) GNCOUTRAETLA
 - (C) GNOCUTARETAL
 - (D) GLNAOTCEURTA
- 31. In certain code language, REQUEST is written as S2R52TU. How is RETEST written in that language?
 - (A) S2V2RV
- (B) S2U2RU
- (C) S2U2TU
- (D) \$2V2TV
- Some equations are solved on the basis of a certain system. On the same basis, find out the correct answer for the unsolved equation. If $4^2 = 7$, $6^2 = 7$, $6^2 = 9$, then $7^2 = ?$
 - (A) 14
- (B) 13
- (C) 10
- (D) 8
- 88. Find out the number which belongs to the given group of numbers from the alternatives.

246, 579, 135, 35, 68

- (A) 55
- (B) 468
- (C) 123
- (D) 31
- If P stands for +, Q stands for x, R stands for

18Q12P4R5=

- (A) 59
- (C) 11·7
- (D) 2.83
- From the given alternatives, select the word which cannot be formed using the letters of the given word.

ACCOMPANIED

- (A) PANIC
- (B) COME
- (C) COMB
- (D) PAIN

missing number from the given responses.



25

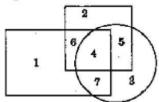
(A) 43 (C) 23

- (D) 87
- 37. 8 16 ? 16
 - (A) 10
- (B) 14
- (C) 12
- (D) 16
- Ram travelled 6 ft towards West, he turned left and walked 8 ft, then turned left and walked 4 ft, then turned left and walked 8 ft. again. How far is he now from the starting point?
 - (A) 8 ft
- (B) 6 ft
- (C) 4 ft
- (D) 2ft
- How many black-faced cubes are there in the 99 given structure?

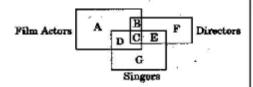


- (A) . 75
- (B) 55
- (C) 25
- (D) 16
- The door of Priya's house faces East. From the back side of the house, she walks straight 50 meters, then turns to the right and walks 50 meters again. Finally, she turns towards the left and stops after walking 25 meters. Now Priya is facing which direction?
 - (A) North
- (B) Weat
- (C) East
- (D) South

41. In the following diagram, rectangle represents males, circle represents urban and square represents educated. Which region represents educated urban males?



- (A) 5
- (B) 4
- (C) 6
- (D) 7
- In the following Venn diagram, identify the letter which denotes Film Actors who are Singers but not Directors.

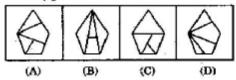


- (A) D
- (B) C
- (C) E
- (D) F
- Identify the answer figure from which the pieces given in the question figure have been cut.

Question figure:



Answer figures:



Directions: In questions no. 44 and 45, one or two statements are given, followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

44. Statement:

A social movement is an interaction of people with a common motivational base in frustration.

Conclusions:

- In a social movement, people who are satisfied interact with frustrated people.
- Frustrated people interact with each other in a social movement.
- (A) Only conclusion I follows
- (B) Only conclusion II follows
- (C) Neither conclusion I nor II follows
- (D) Both conclusions I and II follow
- 45. Statements:

All scientists are hard-working. No hard-working man is poor.

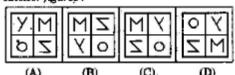
Conclusions:

- I. No scientist is poor.
- II. No poor man is a scientist.
- (A) Only conclusion I follows
- (B) Only conclusion II follows
- (C) Both conclusions I and II follow
- (D) None of the conclusions I or II follows
- 46. Which of the answer figures is exactly the mirror image of the given figure, when the mirror is held on the line AB?

Question figures:



Answer figures:



47. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in the two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g. 'A' can be represented by 13, 76, etc., and 'G' can be represented by 22, 65, etc. Similarly, you have to identify the set for the word 'PUBLIC'.

ă.]	Mai	rix	I	
•	0	1	2	8	4
ø	A	U	O	T	В
1	Т	E	P	A	W
2	R	M	C	G	1
3	U	M	M	С	L
4	P	L	N	В	C

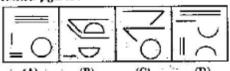
	5	6	7	8	9
5	P	Т	A	M	E
6	G	I	0	T	M
7	E	A	L	T	M
8	R	A	В	L	т
9	N	P	E	G	P

- (A) 12, 30, 87, 41, 66, 83
- (B) 99, 30, 87, 77, 23, 44
- (C) 55, 01, 87, 98, 34, 87
- (D) 40, 30, 87, 89, 24, 43
- Components of which of the answer figures will exactly make up the question figure given below.

Question figure:



Answer figures:

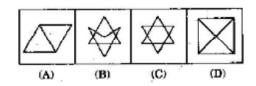


 Select the answer figure in which the question figure is hidden/embedded.

Question figure:

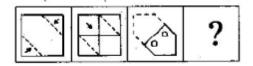


Answer figures :

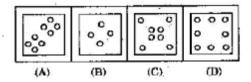


50. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

Question figures:



Answer figures:



TEST (ii): GENERAL AWARENESS

51. Who was the first economist to have coined 56. The characteristic feature of democratic the terms "Micro Economica" and "Macro socialism is Economics"? (A) Privatization (B) Liberalization (A) Milton Friedman (C) Nationalization (D) Socialization (B) Ragnar Frisch 57. If a group of rich people use power for their (C) J.M. Keynes selfish goals, it is called as . (D) Paul Samuelson (A) Monarchy (B) Oligarchy 53. In a free enterprise economy, the decision on (C) Polity what shall be produced is made by (D) Democracy (A) Demand Who said that "Man is born free and (B) Income everywhere he is in chains"? (C) Price mechanism (A) Locke (B) Aristotle (D) Cost (C) Marx (D) Rousseau A civil servant in India may exercise political 53. The main reason for the high growth of liberty by money supply in India since 1970 has been (A) joining any political party the rise in (B) contesting in the elections (C) criticizing the government (A) Foreign lending (D) exercising his franchise (B) Foreign borrowing The term 'Law' used in the phrase 'Rule of (C) RBI credit to the government Law refers to (D) Bank credit to the private sector (A) Positive law (B) Natural law 54. Who was the first Muslim to be elected as (C) Common law President of the Indian National Congress? (D) Conventions of the Constitution (A) Syed Ahmad Khan 81. The total physical product per unit of a (B) Agha Khan variable input is known as (C) Muhammad Ali Jinnah (A) Average product (D) Badruddin Tyabii (B) Average returns (C) Average physical product (D) Average revenue 55. Which of the following was not known to the The discount on price when a large quantity Rigvedic period? is purchased is known as (A) Joint family system

(B) Agriculture

(C) Marriage system

(D) Varna system

(A) Volume discount

(B) Maximum discount

(C) Minimum discount

(D) Marstinal discount

63.	What type of fruit is	pineapple ?	71.		king who invaded So	outh
	(A) Siliqua	(B) Sorosis -	-	India was	e _{kt}	
	(C) Syconus	(D) Samara		(A) Balban		
19	D 400		1	(B) Mohammad b	in Tughlaq	
64.	Strobilus is a structure associated with			(C) Babur		
	(A) Pea	(B) Potato		(D) Alauddin Khi	lji	
	(C) Pinus	(D) Palm	72.	The Great Bath wa	as located in	
65.	Signet-ring is seen i	n the life cycle of		(A) Harappa	(B) Mohenjodaro	r^{α}
	(A) Mosquito	(B) Plasmodium	١,	(C) Lothal	(D) Kalibangan	
	(C) Entamoeba	(D) Giardia	73.	The Mughal judic	ial system was based on	
	*			(A) Persian law	(B) Hebrew law	
66.	The number of occip	pital condyles in man is	1	(C) Islamic law	(D) Indian law	
	(A) One	(B) Two			(27) 2313331 341	
190	(C) Three	(D) Four	74.	Hurricanes are ger	serally	
				(A) active over the		
67.	Migratory larvae	A CALL TO A CALL THE SALE OF T	e	(B) travelling in t	amilies	
		onia. This is known as		(C) dust storms (D) active over th	vana i di ii	
	(A) Down's syndro	- Table 1	1	(D) achief over FD	e sea	
	(B) Klinefelter's sy		75.	Orinoco oil beit is	in .	
	(C) Torner's syndr		1	(A) Dubai	(B) Saudi Arabia	
	(D) Loeffler's synd:	rome	. X.	(C) Venezuela	(D) Brazil .	
68,	Which one of the	following animals is as	76.	The highest peak i	n Africa is	
	osmoconformer?	e	1			
	(A) Hagfish	(B) Seal	6	(A) Aconcagua		
	(C) Whale	(D) Roha		(B) Kilimanjaro (C) McKinley		
1	2	- 1 - N - N - N -		10.1 (a) 10.1 (b) 10.1 (c) 10.		
69.	Which one of the : Solar energy ?	following is the source of	4	(D) Mount Elbrus	-90	
	(A) Nuclear fission	all.	77.		h made up of mixed me	tals
	(B) Nuclear fusion		1	and silicates is call		
	(C) Artificial radio	actività	١.,	(A) Sial	(B) Sima	
				(C) Mantle	(D) Nife	
	(D) X-ray emission		78.	The exhaustion of	soi) fertility is the result	of
70.		first time, successfully	7	(A) Cover croppin		
	determined the char	ge of an electron ?		(B) Multiple crops		
	(A) Thomson	(B) Millikan	14.0	(C) Rotation crops		

79.	Injections of weakened microbes to confer resistance to a disease is known as	85.	The 'solder' used for connecting electronic circuits consists of
×	(A) Transfusion		(A) Lead and Tin
	(B) Vaccination		(B) Tin and Iron
	(C) Inoculation	1	(C) Copper and Lead
	(D) Intimation		(D) Lead and Aluminium
80.	Who, among the following, is the author of 'Das-Kapital'?	86.	What type of molecular motion is responsible for heat conduction?
	(A) Rousseau	l	(A) Translational
	(B) Karl Marx	l	(B) Vibrational
	(C) Chanakya		(C) Rotational (D) Spin
	(D) Montesquieu		(D) Spin
81.	When and where will the next Olympics be	87.	Pick the odd one out.
	held ?		(A) Compiler
	(A) Beijing, 2014	١.	(B) Interpreter
	(B) Shanghai, 2012		(C) Assembler
	(C) Rio-de-Janeiro, 2016		(D) Word processor
	(D) Taiwan, 2013	88.	MS-Office is an example of
82.	A Persian form of singing a poem is called		(A) an operating system
	(A) Ghazal (B) Qawali		(B) a telecommunication software
	(C) Thumri (D) Bhajan	LC	(C) a programming language
83.	Green-house effect causes		(D) a productivity software
	(A) increase of temperature	89.	In India, the day 5 th September is celebrated
	(B) increase of moisture in air	05.	as Tencher's Day to honour the birthday of
	(C) decrease of temperature		(A) Rabindra Nath Tagore
	(D) decrease of moisture in air		(B) Dr. S. Radhakrishnan
84.			(C) Dr. Rajendra Prasad
	The advantage of rain-water harvesting is that it		(D) Mrs. Indira Gandhi
	(A) helps in reducing floods	90.	Which among the following polluting agents
	(B) increases the ground water level (C) causes more rains		is responsible for creating a hole in the ozone
			layer?
	(D) reduces floods and replenishes ground		(A) CO (B) CFC.
	water		(C) SO ₂ (D) CH ₄

91,	Fly ash is	96.	Volvo, the car manufacturing company
	(A) CO ₂		introduced
	(B) Organic particulate matter	,	(A) Alarm
	(C) Small ash particles		(B) Fog light
	(D) NO _X		(C) Seat belts
			(D) Rear view mirrors
92.	Addition of chlorine to raw water before treatment is known as	97.	The Dark Continent is
	(A) Plain chlorination	١	(A) Asia
	(B) Post-chlorination		(B) Australia
	(C) Pre-chlorination		(C) Africa
	(D) Super-chlorination		(D) Europe
93.	Which of the following is not a water treatment technique?	98.	The major constituent of air is
	(A) Reverse osmosis		(A) Nitrogen
			(B) Carbon dioxide
4	(B) Ion exchange	}	(C) Oxygen
	(C) Electro-dialysis		(D) Hydrogen
	(D) Electrostatic precipitation		-0
94.	Which one of the following is a major indoor	99.	The souring of milk to curd is an example of
	sir pollutant in India?		(A) Suponification
	(A) Ozene		(B) Putrefaction
	(B) Peroxy Acetyl Nitrite (PAN)	1	(C) Fermentation
	(C) Carbon monoxide		(D) Esterification
	(D) Sulphur dioxide	100.	Which one of the following compounds is
95.	Multi Drug Therapy is for the infection of		formed when formaldehyde is treated with Grignard reagent?
			(A) Primary alcohol
	(A) Leproay		
	(B) AIDS		(B) Secondary alcohol
	(C) Cholera		(C) Tertiary alcohol

(D) Dihydric alcohol

(D) Hepatitis