



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



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Test Center Name	iON Digital Zone iDZ Arunodaya Nagar
Test Date	12/01/2021
Test Time	3:00 PM - 4:30 PM
Subject	NTPC

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : NTPC

Q.1 Which steel plant was established with Russian collaboration in Durg district of Chattisgarh and started production in 1959?

- Ans
- ☒ 1. Rourkela Steel Plant
 - ☒ 2. Durgapur Steel Plant
 - ☒ 3. Bokaro Steel Plant
 - ☒ 4. Bhilai Steel Plant

Question ID : 9489112026

Option 1 ID : 9489118104

Option 2 ID : 9489118101

Option 3 ID : 9489118103

Option 4 ID : 9489118102

Status : Answered

Chosen Option : 2

Q.2 The value of $1+2+3+\dots+30+31+30+29+\dots+3+2+1 = ?$

- Ans
- ☒ 1. 961
 - ☒ 2. 1000
 - ☒ 3. 999
 - ☒ 4. 900

Question ID : 9489114053

Option 1 ID : 94891116210

Option 2 ID : 94891116211

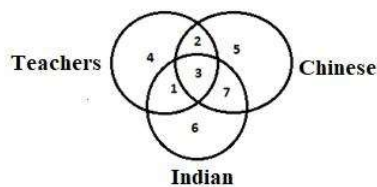
Option 3 ID : 94891116212

Option 4 ID : 94891116209

Status : Answered

Chosen Option : 1

Q.3 Study the diagram and identify the region representing teachers who are Chinese but not Indian.



Ans ☒ 1. 2 only

☒ 2. 1, 2, 7

☒ 3. 2, 3

☒ 4. 1, 7

Question ID : 9489112398

Option 1 ID : 9489119590

Option 2 ID : 9489119589

Option 3 ID : 9489119591

Option 4 ID : 9489119592

Status : Answered

Chosen Option : 1

Q.4 In human beings, which of the following has a high affinity for oxygen?

Ans ☒ 1. Haemoglobin

☒ 2. Carbon dioxide

☒ 3. White blood cells

☒ 4. Melanin

Question ID : 9489112011

Option 1 ID : 9489118042

Option 2 ID : 9489118041

Option 3 ID : 9489118043

Option 4 ID : 9489118044

Status : Answered

Chosen Option : 1

Q.5 If the LCM of $20x^3y^2$ and $10x^4y^4$ is $20x^4y^4$, find the HCF.

Ans ☒ 1. $10x^2y^2$

☒ 2. $20x^2y^2$

☒ 3. $20x^3y^2$

☒ 4. $10x^3y^2$

Question ID : 9489114044

Option 1 ID : 94891116173

Option 2 ID : 94891116175

Option 3 ID : 94891116176

Option 4 ID : 94891116174

Status : Answered

Chosen Option : 4

Q.6 If Sohan is taller than Mohan but shorter than Geeta and Mohan is as tall as Meghna but taller than Komal, then Meghna is:

- Ans**
- ☒ 1. taller than Geeta
 - ☒ 2. shorter than Komal
 - ☒ 3. shorter than Mohan
 - ☒ 4. shorter than Sohan

Question ID : 9489112400
Option 1 ID : 9489119600
Option 2 ID : 9489119598
Option 3 ID : 9489119597
Option 4 ID : 9489119599
Status : Answered
Chosen Option : 4

Q.7 When people are financed through the budget and a public good is made available free of any direct payment it is referred to as:

- Ans**
- ☒ 1. stabilisation
 - ☒ 2. public provision
 - ☒ 3. allocation function
 - ☒ 4. public production

Question ID : 9489112041
Option 1 ID : 9489118163
Option 2 ID : 9489118161
Option 3 ID : 9489118164
Option 4 ID : 9489118162
Status : Answered
Chosen Option : 1

Q.8 An instrument used for measuring growth in plants is known as a:

- Ans**
- ☒ 1. chronometer
 - ☒ 2. bolometer
 - ☒ 3. cardiograph
 - ☒ 4. crescograph

Question ID : 9489112014
Option 1 ID : 9489118056
Option 2 ID : 9489118053
Option 3 ID : 9489118055
Option 4 ID : 9489118054
Status : Answered
Chosen Option : 1

Q.9 The sum of total fixed cost and total variable cost is known as:

- Ans
- ☐ 1. total revenue
 - ☐ 2. total expenditure
 - ☐ 3. total product
 - ☒ 4. total cost

Question ID : 9489112042

Option 1 ID : 9489118168

Option 2 ID : 9489118165

Option 3 ID : 9489118167

Option 4 ID : 9489118166

Status : Answered

Chosen Option : 1

Q.10 Rohan can travel from Delhi to Kanyakumari in 30 h. If he reduces his speed by $\frac{1}{15}$ th, he goes 10 km less in the same time. Find the speed.

- Ans
- ☐ 1. 2.5 km/h
 - ☒ 2. 5 km/h
 - ☐ 3. 8 km/h
 - ☐ 4. 3 km/h

Question ID : 9489114062

Option 1 ID : 94891116246

Option 2 ID : 94891116245

Option 3 ID : 94891116248

Option 4 ID : 94891116247

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.11 Which former judge of the Supreme Court of India has been appointed as the Chairperson of the News Broadcasting Standards Authority (NBSA) in May 2019?

- Ans
- ☐ 1. Madan Lokur
 - ☐ 2. Anil R Dave
 - ☒ 3. Arjan Kumar Sikri
 - ☐ 4. Jasti Chelameswar

Question ID : 9489112007

Option 1 ID : 9489118028

Option 2 ID : 9489118026

Option 3 ID : 9489118027

Option 4 ID : 9489118025

Status : Answered

Chosen Option : 1

Q.12 In 2014, the Department of Science and Technology in India took a giant step forward and brought all the women centric schemes and programmes under one ambit named:

- Ans**
- ☒ 1. KIRAN
 - ☐ 2. SUMAN
 - ☐ 3. TIFAC
 - ☐ 4. CURIE

Question ID : 9489112031
Option 1 ID : 9489118123
Option 2 ID : 9489118124
Option 3 ID : 9489118122
Option 4 ID : 9489118121
Status : Answered
Chosen Option : 2

Q.13 In a web address, the domain indicator (suffix) '.com' stands for:

- Ans**
- ☐ 1. computer
 - ☐ 2. communication
 - ☐ 3. common
 - ☒ 4. commercial

Question ID : 9489112036
Option 1 ID : 9489118142
Option 2 ID : 9489118144
Option 3 ID : 9489118143
Option 4 ID : 9489118141
Status : Answered
Chosen Option : 4

Q.14 Identify the number that does NOT belong to the following series.

14, 19, 26, 35, 44, 59

- Ans**
- ☐ 1. 59
 - ☐ 2. 14
 - ☐ 3. 26
 - ☒ 4. 44

Question ID : 9489112386
Option 1 ID : 9489119544
Option 2 ID : 9489119541
Option 3 ID : 9489119542
Option 4 ID : 9489119543
Status : Answered
Chosen Option : 4

Q.15 If '+' means '×', '-' means '÷', '×' means '+' and '÷' means '-', then find the value of $2 - 1 \times 4 \div 4 + 2$?

- Ans
- ☒ 1. -4
 - ☒ 2. 3
 - ☒ 3. -2
 - ☒ 4. 0

Question ID : 9489112384

Option 1 ID : 9489119536

Option 2 ID : 9489119534

Option 3 ID : 9489119535

Option 4 ID : 9489119533

Status : Answered

Chosen Option : 4

Q.16 If x is less than y by 40%, then y exceeds x by:

- Ans
- ☒ 1. $66\frac{1}{3}\%$
 - ☒ 2. 60%
 - ☒ 3. $33\frac{1}{3}\%$
 - ☒ 4. $66\frac{2}{3}\%$

Question ID : 9489114055

Option 1 ID : 94891116218

Option 2 ID : 94891116217

Option 3 ID : 94891116220

Option 4 ID : 94891116219

Status : Marked For Review

Chosen Option : 4

Q.17 A train 180 m long is running at a speed of 90 km/h. How long will it take to pass a post?

- Ans
- ☒ 1. 7 s
 - ☒ 2. 7.8 s
 - ☒ 3. 7.2 s
 - ☒ 4. 5.5 s

Question ID : 9489114061

Option 1 ID : 94891116243

Option 2 ID : 94891116241

Option 3 ID : 94891116242

Option 4 ID : 94891116244

Status : Answered

Chosen Option : 3

Q.18 Which is one of the newest nuclear power plants of India?

- Ans ☒ 1. Kudankulam
☐ 2. Kalpakkam
☐ 3. Narora
☐ 4. Tarapur

Question ID : 9489112030

Option 1 ID : 9489118118

Option 2 ID : 9489118119

Option 3 ID : 9489118120

Option 4 ID : 9489118117

Status : Answered

Chosen Option : 2

Q.19 Lactic acid is a:

- Ans ☐ 1. Two-carbon molecule
☐ 2. One-carbon molecule
☐ 3. Four-carbon molecule
☒ 4. Three-carbon molecule

Question ID : 9489112013

Option 1 ID : 9489118049

Option 2 ID : 9489118052

Option 3 ID : 9489118050

Option 4 ID : 9489118051

Status : Answered

Chosen Option : 1

Q.20 Select the option that is related to the third term in the same way as the second term is related to the first term.

Haryana : Chandigarh : : Punjab : ?

- Ans ☐ 1. Patiala
☐ 2. Amritsar
☒ 3. Chandigarh
☐ 4. Ludhiana

Question ID : 9489112374

Option 1 ID : 9489119496

Option 2 ID : 9489119494

Option 3 ID : 9489119493

Option 4 ID : 9489119495

Status : Answered

Chosen Option : 3

Q.21 A sum of ₹800 becomes ₹920 in 3 years at simple interest. If interest is increased by 4%, then the amount will increase to:

- Ans**
- ☒ 1. ₹1,050
 - ☒ 2. ₹999
 - ☒ 3. ₹216
 - ☒ 4. ₹1,016

Question ID : 9489114058

Option 1 ID : 94891116231

Option 2 ID : 94891116230

Option 3 ID : 94891116232

Option 4 ID : 94891116229

Status : Not Answered

Chosen Option : --

Q.22 There is 60% increase in an amount in 6 years at simple interest. What will be the compound interest of ₹10,000 after 3 years at the same rate?

- Ans**
- ☒ 1. ₹13,310
 - ☒ 2. ₹13,500
 - ☒ 3. ₹3,500
 - ☒ 4. ₹3,310

Question ID : 9489114056

Option 1 ID : 94891116221

Option 2 ID : 94891116222

Option 3 ID : 94891116223

Option 4 ID : 94891116224

Status : Answered

Chosen Option : 4

Q.23 Which state is the largest producer of bauxite?

- Ans**
- ☒ 1. Madhya Pradesh
 - ☒ 2. Andhra Pradesh
 - ☒ 3. West Bengal
 - ☒ 4. Odisha

Question ID : 9489112025

Option 1 ID : 9489118098

Option 2 ID : 9489118100

Option 3 ID : 9489118099

Option 4 ID : 9489118097

Status : Answered

Chosen Option : 3

Q.24 Who was the Governor-General of Bengal when the Permanent Settlement was introduced there in 1793?

- Ans
- ☒ 1. Warren Hastings
 - ☒ 2. William Hodges
 - ☒ 3. Robert Francis
 - ☒ 4. Charles Cornwallis

Question ID : 9489112017
Option 1 ID : 9489118068
Option 2 ID : 9489118065
Option 3 ID : 9489118067
Option 4 ID : 9489118066
Status : Answered
Chosen Option : 1

Q.25 If the ratio of the 11th term of an AP to its 18th term is 2 : 3, find the ratio of the sum of its first five terms to the sum of its first 10 terms.

- Ans
- ☒ 1. 17 : 6
 - ☒ 2. 5 : 4
 - ☒ 3. 1 : 2
 - ☒ 4. 6 : 17

Question ID : 9489114060
Option 1 ID : 94891116238
Option 2 ID : 94891116239
Option 3 ID : 94891116240
Option 4 ID : 94891116237
Status : Not Answered
Chosen Option : --

Q.26 Arundhati Roy won The Booker Prize for:

- Ans
- ☒ 1. The Cost of Living
 - ☒ 2. The God of Small Things
 - ☒ 3. Power Politics
 - ☒ 4. An Ordinary Person's Guide to Empire

Question ID : 9489112005
Option 1 ID : 9489118020
Option 2 ID : 9489118018
Option 3 ID : 9489118017
Option 4 ID : 9489118019
Status : Answered
Chosen Option : 1

Q.27 The following observations are arranged in ascending order. If the median of the data is 19, then find the value of x.

6, 9, 15, x + 4, x + 8, x + 12, 30, 32

Ans

- ☒ 1. 13
☐ 2. 10
☐ 3. 8
☐ 4. 5

Question ID : 9489114071
Option 1 ID : 94891116281
Option 2 ID : 94891116283
Option 3 ID : 94891116282
Option 4 ID : 94891116284
Status : Answered
Chosen Option : 1

Q.28 When was the border road organisation established in India?

Ans

- ☐ 1. September 1960
☐ 2. May 1962
☐ 3. September 1962
☒ 4. May 1960

Question ID : 9489112024
Option 1 ID : 9489118096
Option 2 ID : 9489118095
Option 3 ID : 9489118093
Option 4 ID : 9489118094
Status : Answered
Chosen Option : 2

Q.29 Solve the following.

$$3[35 + (45 + 10 \div 2 \times 3 - 50) + 5]$$

Ans

- ☐ 1. 50
☒ 2. 150
☐ 3. 123
☐ 4. 125

Question ID : 9489114046
Option 1 ID : 94891116182
Option 2 ID : 94891116181
Option 3 ID : 94891116183
Option 4 ID : 94891116184
Status : Answered
Chosen Option : 2

Q.30 Popular folk song 'Kajari' is popular in:

- Ans
- ☒ 1. Madhya Pradesh
 - ☒ 2. Uttar Pradesh
 - ☒ 3. Haryana
 - ☒ 4. Chhattisgarh

Question ID : 9489112009
Option 1 ID : 9489118035
Option 2 ID : 9489118036
Option 3 ID : 9489118033
Option 4 ID : 9489118034
Status : Answered
Chosen Option : 4

Q.31 Which fibre crop is used for making coarse cloth, bags, sacks and decorative items?

- Ans
- ☒ 1. Cotton
 - ☒ 2. Hemp
 - ☒ 3. Jute
 - ☒ 4. Hoopvine

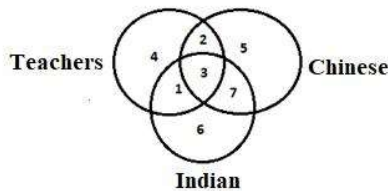
Question ID : 9489112023
Option 1 ID : 9489118089
Option 2 ID : 9489118090
Option 3 ID : 9489118091
Option 4 ID : 9489118092
Status : Answered
Chosen Option : 3

Q.32 If $A : B = 3 : 5$ and $B : C = 4 : 7$, then the value of $A : B : C$ is:

- Ans
- ☒ 1. 12 : 35 : 20
 - ☒ 2. 3 : 5 : 7
 - ☒ 3. 20 : 12 : 5
 - ☒ 4. 12 : 20 : 35

Question ID : 9489114054
Option 1 ID : 94891116216
Option 2 ID : 94891116213
Option 3 ID : 94891116214
Option 4 ID : 94891116215
Status : Answered
Chosen Option : 4

Q.33 Study the diagram and identify the region representing teachers who are Indian and Chinese.



- Ans
- ☒ 1. 1, 2, 7
 - ☒ 2. 2, 3
 - ☒ 3. 1, 7
 - ☒ 4. 3 only

Question ID : 9489112397

Option 1 ID : 9489119585

Option 2 ID : 9489119587

Option 3 ID : 9489119588

Option 4 ID : 9489119586

Status : Answered

Chosen Option : 4

Q.34 League of nations was replaced by:

- Ans
- ☒ 1. World Bank
 - ☒ 2. Amnesty International
 - ☒ 3. International Monetary Fund
 - ☒ 4. United Nations

Question ID : 9489112033

Option 1 ID : 9489118130

Option 2 ID : 9489118132

Option 3 ID : 9489118129

Option 4 ID : 9489118131

Status : Answered

Chosen Option : 4

Q.35 Solve the following.

$$3.142 + 3.61 - 2.12 + 4 - 7.6 = ?$$

- Ans
- ☒ 1. 1.032
 - ☒ 2. 2.002
 - ☒ 3. 1.002
 - ☒ 4. 10.02

Question ID : 9489114050

Option 1 ID : 94891116199

Option 2 ID : 94891116200

Option 3 ID : 94891116197

Option 4 ID : 94891116198

Status : Answered

Chosen Option : 1

Q.36 PQ is a diameter of a circle whose centre is O. If a point R lies on the circle and $\angle RPO$ is 39° , then find the measure of $\angle RQP$.

- Ans ☒ 1. 51°
☐ 2. 125°
☐ 3. 129°
☐ 4. 151°

Question ID : 9489114070
Option 1 ID : 94891116277
Option 2 ID : 94891116280
Option 3 ID : 94891116278
Option 4 ID : 94891116279
Status : Answered
Chosen Option : 1

Q.37 Who is the first Indian woman scientist to be elected the Fellowship of The Royal Society, United Kingdom in 2019?

- Ans ☐ 1. Sunetra Gupta
☐ 2. Paramjit Khurana
☐ 3. Indira Hinduja
☒ 4. Gagandeep Kang

Question ID : 9489112006
Option 1 ID : 9489118021
Option 2 ID : 9489118022
Option 3 ID : 9489118023
Option 4 ID : 9489118024
Status : Answered
Chosen Option : 1

Q.38 Who among the following resisted the demand for the formation of Pakistan?

- Ans ☐ 1. Muhammad Iqbal
☐ 2. Muhammad Ali Jinnah
☐ 3. Maulana Ashraf Ali Thanvi
☒ 4. Khan Abdul Gaffar Khan

Question ID : 9489112021
Option 1 ID : 9489118082
Option 2 ID : 9489118081
Option 3 ID : 9489118084
Option 4 ID : 9489118083
Status : Answered
Chosen Option : 1

Q.39 Amnesty International is an organisation focused on protection of:

- Ans ☒ 1. human rights
☐ 2. endangered species
☐ 3. children from malnutrition
☐ 4. environment

Question ID : 9489112034

Option 1 ID : 9489118134

Option 2 ID : 9489118136

Option 3 ID : 9489118135

Option 4 ID : 9489118133

Status : Answered

Chosen Option : 1

Q.40 Which of the following will be the correct sequence of the words if they are arranged as per their order in an English dictionary?

- Ans ☐ 1. Pile→Pilgrim→Pigment→Pillow
☒ 2. Pigment→Pile→Pilgrim→Pillow
☐ 3. Pillow→Pilgrim→Pigment→Pile
☐ 4. Pigment→Pile→Pillow→Pilgrim

Question ID : 9489112383

Option 1 ID : 9489119530

Option 2 ID : 9489119532

Option 3 ID : 9489119529

Option 4 ID : 9489119531

Status : Answered

Chosen Option : 2

Q.41 If $f(x) = \frac{x+1}{x-1}$, find the value of $f(f(f(2)))$.

- Ans ☐ 1. 2
☐ 2. 1
☐ 3. -1
☒ 4. 3

Question ID : 9489114065

Option 1 ID : 94891116258

Option 2 ID : 94891116257

Option 3 ID : 94891116260

Option 4 ID : 94891116259

Status : Answered

Chosen Option : 4

Q.42 In which generation were computers bulky, vacuum based and costly?

- Ans
- ☐ 1. Fourth generation
 - ☐ 2. Third generation
 - ☒ 3. First generation
 - ☐ 4. Fifth generation

Question ID : 9489112038

Option 1 ID : 9489118151

Option 2 ID : 9489118149

Option 3 ID : 9489118150

Option 4 ID : 9489118152

Status : Answered

Chosen Option : 3

Q.43 The famous novel 'Untouchable' was written by:

- Ans
- ☐ 1. AK Ramanujan
 - ☐ 2. RK Narayan
 - ☒ 3. Mulk Raj Anand
 - ☐ 4. KR Sreenivasan Iyengar

Question ID : 9489112008

Option 1 ID : 9489118031

Option 2 ID : 9489118029

Option 3 ID : 9489118030

Option 4 ID : 9489118032

Status : Answered

Chosen Option : 2

Q.44 Four words have been listed, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- ☒ 1. Instruct
 - ☐ 2. Design
 - ☐ 3. Plan
 - ☐ 4. Scheme

Question ID : 9489112375

Option 1 ID : 9489119497

Option 2 ID : 9489119500

Option 3 ID : 9489119498

Option 4 ID : 9489119499

Status : Answered

Chosen Option : 4

Q.45 Where was the 5th ABU Media Summit on Climate Action and Disaster Preparedness held in 2019?

- Ans
- ☒ 1. India
 - ☒ 2. Bhutan
 - ☒ 3. Nepal
 - ☒ 4. China

Question ID : 9489112004

Option 1 ID : 9489118016

Option 2 ID : 9489118014

Option 3 ID : 9489118015

Option 4 ID : 9489118013

Status : Answered

Chosen Option : 1

Q.46 Who is the author of the book 'Wealth of Nations'?

- Ans
- ☒ 1. Adam Smith
 - ☒ 2. John Stuart Mill
 - ☒ 3. Karl Marx
 - ☒ 4. Alan Greenspan

Question ID : 9489112043

Option 1 ID : 9489118172

Option 2 ID : 9489118170

Option 3 ID : 9489118169

Option 4 ID : 9489118171

Status : Answered

Chosen Option : 4

Q.47 Find the least number which must be added to the number 6412 to get a perfect square.

- Ans
- ☒ 1. 129
 - ☒ 2. 181
 - ☒ 3. 150
 - ☒ 4. 149

Question ID : 9489114045

Option 1 ID : 94891116179

Option 2 ID : 94891116180

Option 3 ID : 94891116177

Option 4 ID : 94891116178

Status : Answered

Chosen Option : 4

Q.48 Which physician came to India and served in the Bengal Medical Service from 1794 to 1815 and also undertook pioneering survey explorations in several diverse regions of India?

- Ans
- ☒ 1. William Bentinck
 - ☒ 2. Warren Hastings
 - ☒ 3. Francis Buchanan
 - ☒ 4. Sir William Jones

Question ID : 9489112020

Option 1 ID : 9489118079

Option 2 ID : 9489118078

Option 3 ID : 9489118080

Option 4 ID : 9489118077

Status : Answered

Chosen Option : 4

Q.49 The value of the gross investment in order to accommodate regular wear and tear of capital is called:

- Ans
- ☒ 1. debt
 - ☒ 2. deficit
 - ☒ 3. new investment
 - ☒ 4. depreciation

Question ID : 9489112040

Option 1 ID : 9489118158

Option 2 ID : 9489118157

Option 3 ID : 9489118160

Option 4 ID : 9489118159

Status : Answered

Chosen Option : 3

Q.50 If the income of Richa is $9\frac{1}{11}\%$ more than that of Meena, then the income of Meena is less than that of Richa by:

- Ans
- ☒ 1. $8\frac{10}{12}\%$
 - ☒ 2. $8\frac{3}{12}\%$
 - ☒ 3. $7\frac{10}{12}\%$
 - ☒ 4. $8\frac{4}{12}\%$

Question ID : 9489114057

Option 1 ID : 94891116225

Option 2 ID : 94891116228

Option 3 ID : 94891116227

Option 4 ID : 94891116226

Status : Not Answered

Chosen Option : --

Q.51 Out of the number-pairs listed below, three are alike in the way they are related to each other. Select the odd one.

- Ans**
- ☒ 1. 20 : 5
 - ☒ 2. 36 : 6
 - ☒ 3. 56 : 8
 - ☒ 4. 42 : 7

Question ID : 9489112395
Option 1 ID : 9489119577
Option 2 ID : 9489119578
Option 3 ID : 9489119580
Option 4 ID : 9489119579
Status : Answered
Chosen Option : 2

Q.52 Who is called the 'Milkman of India'?

- Ans**
- ☒ 1. Arjun Dev
 - ☒ 2. Verghese Kurien
 - ☒ 3. Charan Singh
 - ☒ 4. Manoj Kumar

Question ID : 9489112028
Option 1 ID : 9489118112
Option 2 ID : 9489118109
Option 3 ID : 9489118110
Option 4 ID : 9489118111
Status : Answered
Chosen Option : 3

Q.53 When was the Human Space Flight Centre (HSFC) inaugurated by ISRO?

- Ans**
- ☒ 1. June 2018
 - ☒ 2. June 2019
 - ☒ 3. January 2018
 - ☒ 4. January 2019

Question ID : 9489112032
Option 1 ID : 9489118127
Option 2 ID : 9489118128
Option 3 ID : 9489118125
Option 4 ID : 9489118126
Status : Answered
Chosen Option : 4

Q.54 If $\sqrt{45} + \sqrt{125} = 17.89$, then what will be the value of $\sqrt{180} + \sqrt{80}$?

(Give your answer to one decimal place.)

- Ans
- ☒ 1. 71.9
 - ☒ 2. 13.5
 - ☒ 3. 22.4
 - ☒ 4. 21.6

Question ID : 9489114047
Option 1 ID : 94891116188
Option 2 ID : 94891116187
Option 3 ID : 94891116185
Option 4 ID : 94891116186
Status : Answered
Chosen Option : 4

Q.55 Which article of the Constitution of India is related to the appointment of a Governor?

- Ans
- ☒ 1. Article 155
 - ☒ 2. Article 149
 - ☒ 3. Article 148
 - ☒ 4. Article 143

Question ID : 9489112027
Option 1 ID : 9489118107
Option 2 ID : 9489118108
Option 3 ID : 9489118106
Option 4 ID : 9489118105
Status : Answered
Chosen Option : 2

Q.56 The ability of a medium to refract light is also expressed in terms of its:

- Ans
- ☒ 1. optical volume
 - ☒ 2. optical density
 - ☒ 3. optical mass
 - ☒ 4. optical illusion

Question ID : 9489112012
Option 1 ID : 9489118045
Option 2 ID : 9489118048
Option 3 ID : 9489118046
Option 4 ID : 9489118047
Status : Answered
Chosen Option : 4

Q.57 Out of four consecutive numbers, the sum of the first two numbers is equal to the fourth number. What is half of the sum of the four numbers?

- Ans
- ☐ 1. 2
 - ☐ 2. 9
 - ☐ 3. 14
 - ☒ 4. 7

Question ID : 9489114049
Option 1 ID : 94891116193
Option 2 ID : 94891116195
Option 3 ID : 94891116196
Option 4 ID : 94891116194
Status : Answered
Chosen Option : 4

Q.58 1.236576576...

can be written in the form of:

- Ans
- ☐ 1. $\frac{125434}{99900}$
 - ☐ 2. $\frac{125334}{99000}$
 - ☒ 3. $\frac{123534}{99900}$
 - ☐ 4. $\frac{123534}{99000}$

Question ID : 9489114051
Option 1 ID : 94891116204
Option 2 ID : 94891116203
Option 3 ID : 94891116202
Option 4 ID : 94891116201
Status : Answered
Chosen Option : 3

Q.59 In a plant, the seed contains the embryo which develops into a seedling under appropriate conditions. This process is known as:

- Ans
- ☐ 1. pollination
 - ☒ 2. germination
 - ☐ 3. cross-pollination
 - ☐ 4. transpiration

Question ID : 9489112016
Option 1 ID : 9489118061
Option 2 ID : 9489118062
Option 3 ID : 9489118063
Option 4 ID : 9489118064
Status : Answered
Chosen Option : 2

Q.60 Which movement was negative enough to be peaceful but positive enough to be effective?

- Ans**  1. Non-Cooperation Movement
-  2. Swadeshi Movement
-  3. Quit India Movement
-  4. Khilafat Movement

Question ID : 9489112018

Option 1 ID : 9489118071

Option 2 ID : 9489118069

Option 3 ID : 9489118070

Option 4 ID : 9489118072

Status : Answered

Chosen Option : 3





Q.61 Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statements:

- (i) All ships are boats.
- (ii) All anchors are ships.

Conclusions:

- I. All anchors are boats.
- II. Some ships are anchors.
- III. No anchor is boat.
- IV. Some boats are anchors.

- Ans**  1. All four conclusions follow.
-  2. Only conclusions I and III follow.
-  3. Only conclusion III follows.
-  4. Only conclusions I, II and IV follow.

Question ID : 9489112382

Option 1 ID : 9489119527

Option 2 ID : 9489119526

Option 3 ID : 9489119528

Option 4 ID : 9489119525

Status : Answered

Chosen Option : 4

Q.62 How much percentage above the cost price should a shopkeeper mark his goods so that after allowing a discount 25% he should gain 12%?

Ans

- ☒ 1. $33\frac{1}{3}\%$
- ☒ 2. 25%
- ☒ 3. $49\frac{1}{3}\%$
- ☒ 4. 40%

Question ID : 9489114059

Option 1 ID : 94891116236

Option 2 ID : 94891116235

Option 3 ID : 94891116234

Option 4 ID : 94891116233

Status : Not Answered

Chosen Option : --

Q.63 In a certain code language, RIPPLE is written as 762248 and PREACH is written as 278391. How will CHAIR be written in that language?

Ans

- ☒ 1. 93176
- ☒ 2. 91367
- ☒ 3. 91673
- ☒ 4. 91637

Question ID : 9489112379

Option 1 ID : 9489119513

Option 2 ID : 9489119515

Option 3 ID : 9489119514

Option 4 ID : 9489119516

Status : Answered

Chosen Option : 2

Q.64 Who coined the famous slogan 'Jai Jawan Jai Kisan'?

Ans

- ☒ 1. Lal Bahadur Shastri
- ☒ 2. Jayaprakash Narayan
- ☒ 3. Sardar Patel
- ☒ 4. Indira Gandhi

Question ID : 9489112029

Option 1 ID : 9489118115

Option 2 ID : 9489118116

Option 3 ID : 9489118113

Option 4 ID : 9489118114

Status : Answered

Chosen Option : 1

Q.65 Which of the following protocols is used for WWW?

- Ans ☒ 1. HTTP
☒ 2. TCP/IP
☒ 3. FTP
☒ 4. SMTP

Question ID : 9489112037

Option 1 ID : 9489118148

Option 2 ID : 9489118147

Option 3 ID : 9489118145

Option 4 ID : 9489118146

Status : Answered

Chosen Option : 1

Q.66 If the roots of the equation $(4 + m)x^2 + (m + 1)x + 1 = 0$ are equal, then find the values of m.

- Ans ☒ 1. $m = 5, -3$
☒ 2. $m = -1, -3$
☒ 3. $m = 2, 3$
☒ 4. $m = 0, 5$

Question ID : 9489114064

Option 1 ID : 94891116253

Option 2 ID : 94891116256

Option 3 ID : 94891116254

Option 4 ID : 94891116255

Status : Answered

Chosen Option : 1

Q.67 There are four table clocks. They ring every 10 min, 15 min, 20 min and 25 min respectively. If they all ring together at 10 a.m., then at what time will they ring together again?

- Ans ☒ 1. 3:30 p.m.
☒ 2. 10:00 p.m.
☒ 3. 3:00 p.m.
☒ 4. 12:00 a.m.

Question ID : 9489114052

Option 1 ID : 94891116206

Option 2 ID : 94891116207

Option 3 ID : 94891116205

Option 4 ID : 94891116208

Status : Answered

Chosen Option : 3

Q.68 The Saubhagya Scheme is controlled by which Ministry of the Central Government?

- Ans
- ☒ 1. Ministry of Finance
 - ☒ 2. Ministry of Agriculture and Farmers Welfare
 - ☒ 3. Ministry of Petroleum and Natural Gas
 - ☒ 4. Ministry of Power

Question ID : 9489112039

Option 1 ID : 9489118153

Option 2 ID : 9489118156

Option 3 ID : 9489118155

Option 4 ID : 9489118154

Status : Not Answered

Chosen Option : --

Q.69 The arithmetic mean of x observations is m. If two observations 0 and m are added, then the new mean will be:

- Ans
- ☒ 1. $\frac{mx}{x+1}$
 - ☒ 2. $\frac{m}{x+1}$
 - ☒ 3. m
 - ☒ 4. $\frac{m(x+1)}{x+2}$

Question ID : 9489114068

Option 1 ID : 94891116271

Option 2 ID : 94891116270

Option 3 ID : 94891116269

Option 4 ID : 94891116272

Status : Answered

Chosen Option : 4

Q.70 The speed of a stream is 3 km/h and the speed of a man in still water is 6 km/h. The time taken by the man to swim 37 km downstream is:

- Ans
- ☒ 1. $4\frac{1}{3}$ h
 - ☒ 2. $4\frac{1}{9}$ h
 - ☒ 3. $1\frac{3}{4}$ h
 - ☒ 4. $4\frac{3}{4}$ h

Question ID : 9489114063

Option 1 ID : 94891116252

Option 2 ID : 94891116249

Option 3 ID : 94891116250

Option 4 ID : 94891116251

Status : Not Answered

Chosen Option : --

Q.71 Four geometric shapes have been listed, out of which three are alike in some manner and one is different. Select the odd one.

- Ans**
- ☒ 1. Circle
 - ☐ 2. Rectangle
 - ☐ 3. Square
 - ☐ 4. Triangle

Question ID : **9489112376**
Option 1 ID : **9489119503**
Option 2 ID : **9489119502**
Option 3 ID : **9489119504**
Option 4 ID : **9489119501**
Status : **Answered**
Chosen Option : **1**

Q.72 Manora Fort is situated in:

- Ans**
- ☐ 1. Madhya Pradesh
 - ☐ 2. Rajasthan
 - ☐ 3. Uttar Pradesh
 - ☒ 4. Tamilnadu

Question ID : **9489112010**
Option 1 ID : **9489118038**
Option 2 ID : **9489118037**
Option 3 ID : **9489118040**
Option 4 ID : **9489118039**
Status : **Answered**
Chosen Option : **1**

Q.73 Five friends are sitting around a table facing the centre. Arjun is to the right of Harman. Hardik is to the left of Aditya and to the right of Arjun. Harman is to the right of Reyansh. Who is sitting to the immediate right of Aditya?

- Ans**
- ☐ 1. Arjun
 - ☐ 2. Hardik
 - ☒ 3. Reyansh
 - ☐ 4. Harman

Question ID : **9489112402**
Option 1 ID : **9489119605**
Option 2 ID : **9489119606**
Option 3 ID : **9489119607**
Option 4 ID : **9489119608**
Status : **Answered**
Chosen Option : **3**

Q.74 Find the sum of the face values of 6 and 5 in 61827354.

- Ans
- ☒ 1. 30
 - ☒ 2. 11
 - ☒ 3. 40
 - ☒ 4. 60000300

Question ID : 9489114048
Option 1 ID : 94891116192
Option 2 ID : 94891116190
Option 3 ID : 94891116189
Option 4 ID : 94891116191
Status : Answered
Chosen Option : 2

Q.75 If book is called 'pen', pen is called 'wheat', wheat is called 'chair', chair is called 'cup' and cup is called 'book', then which of the following is edible?

- Ans
- ☒ 1. pen
 - ☒ 2. chair
 - ☒ 3. wheat
 - ☒ 4. book

Question ID : 9489112378
Option 1 ID : 9489119510
Option 2 ID : 9489119512
Option 3 ID : 9489119511
Option 4 ID : 9489119509
Status : Answered
Chosen Option : 2

Q.76 Who stayed in India for 23 years (1802 - 25) painting portraits, landscapes and scenes of everyday life of common people?

- Ans
- ☒ 1. Walter Statesman
 - ☒ 2. George Chinnery
 - ☒ 3. William Hodges
 - ☒ 4. Walter Sherwill

Question ID : 9489112019
Option 1 ID : 9489118076
Option 2 ID : 9489118073
Option 3 ID : 9489118074
Option 4 ID : 9489118075
Status : Answered
Chosen Option : 4

Q.77 The center of the reflecting surface of a spherical mirror is a point called:

- Ans
- ☒ 1. principal axis
 - ☒ 2. pole
 - ☒ 3. center of curvature
 - ☒ 4. focus

Question ID : 9489112015

Option 1 ID : 9489118060

Option 2 ID : 9489118059

Option 3 ID : 9489118057

Option 4 ID : 9489118058

Status : Answered

Chosen Option : 1

Q.78 In $\triangle PQR$, QR is extended up to S , so that $RS = RP$. If $\angle RPQ = 55^\circ$ and $\angle PRS = 110^\circ$, then find the measure of $\angle PQS$.

- Ans
- ☒ 1. 55°
 - ☒ 2. 65°
 - ☒ 3. 15°
 - ☒ 4. 75°

Question ID : 9489114073

Option 1 ID : 94891116290

Option 2 ID : 94891116291

Option 3 ID : 94891116289

Option 4 ID : 94891116292

Status : Answered

Chosen Option : 1

Q.79 The length of a tangent drawn to a circle of radius 4 cm from a point 5 cm away from the center of the circle is:

- Ans
- ☒ 1. $5\sqrt{3}$ cm
 - ☒ 2. 5 cm
 - ☒ 3. $3\sqrt{3}$ cm
 - ☒ 4. 3 cm

Question ID : 9489114066

Option 1 ID : 94891116264

Option 2 ID : 94891116262

Option 3 ID : 94891116263

Option 4 ID : 94891116261

Status : Not Answered

Chosen Option : --

Q.80 GATT was established to regulate world trade in 1948. GATT stands for:

- Ans
- ☐ 1. Gradual Aggregate of Tariffs and Trade
 - ☒ 2. General Agreement on Tariffs and Trade
 - ☐ 3. General Aggregate on Tariffs and Trade
 - ☐ 4. Gradual Agreement of Tariffs and Trade

Question ID : 9489112035
Option 1 ID : 9489118137
Option 2 ID : 9489118140
Option 3 ID : 9489118138
Option 4 ID : 9489118139
Status : Answered
Chosen Option : 2

Q.81 Which state has the largest number of Cotton mills and most of them produce yarn rather than cloth?

- Ans
- ☐ 1. Goa
 - ☐ 2. Kerala
 - ☐ 3. Karnataka
 - ☒ 4. Tamil Nadu

Question ID : 9489112022
Option 1 ID : 9489118088
Option 2 ID : 9489118087
Option 3 ID : 9489118085
Option 4 ID : 9489118086
Status : Answered
Chosen Option : 2

Q.82 If $p = 5 - 2\sqrt{6}$, then find the value of $p^2 + \frac{1}{p^2}$

- Ans
- ☐ 1. $\sqrt{6} - \sqrt{5}$
 - ☐ 2. $25 + \sqrt{6}$
 - ☒ 3. 98
 - ☐ 4. 100

Question ID : 9489114067
Option 1 ID : 94891116267
Option 2 ID : 94891116265
Option 3 ID : 94891116266
Option 4 ID : 94891116268
Status : Answered
Chosen Option : 3

Q.83 If $\sin(3x - 20)^\circ = \cos(20 - 3y)^\circ$, then value of $x - y$ will be:

- Ans
- ☒ 1. 20°
 - ☒ 2. 60°
 - ☒ 3. 30°
 - ☒ 4. 45°

Question ID : 9489114069

Option 1 ID : 94891116273

Option 2 ID : 94891116275

Option 3 ID : 94891116274

Option 4 ID : 94891116276

Status : Answered

Chosen Option : 3

Q.84 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

AZP, BYQ, CXR, ?

- Ans
- ☒ 1. DVW
 - ☒ 2. DWS
 - ☒ 3. DWT
 - ☒ 4. DUR

Question ID : 9489112387

Option 1 ID : 9489119546

Option 2 ID : 9489119545

Option 3 ID : 9489119548

Option 4 ID : 9489119547

Status : Answered

Chosen Option : 2

Q.85 If $\cos(x + y) = \frac{1}{2}$ and $\sin(x - y) = 0$, where x and y are positive acute angles and $x \geq y$, then x and y are:

- Ans
- ☒ 1. 80° and 80°
 - ☒ 2. 60° and 60°
 - ☒ 3. 45° and 45°
 - ☒ 4. 30° and 30°

Question ID : 9489114072

Option 1 ID : 94891116285

Option 2 ID : 94891116286

Option 3 ID : 94891116287

Option 4 ID : 94891116288

Status : Answered

Chosen Option : 4





Q.86 Study the table and answer the question that follows.

Annual Rainfall (in cm) in Indian States

State \ Year	2000	2005	2015
Himachal Pradesh	110	90	150
Uttar Pradesh	120	85	90
Madhya Pradesh	90	65	80
Andhra Pradesh	55	75	65
Tamil Nadu	150	90	115

In which state was the annual rainfall (in cm) for 2005 greater than the average annual rainfall (in cm) for all three years?

Ans

-  1. Uttar Pradesh
 2. Andhra Pradesh
 3. Madhya Pradesh
 4. Himachal Pradesh

Question ID : 9489112389

Option 1 ID : 9489119555

Option 2 ID : 9489119553

Option 3 ID : 9489119554

Option 4 ID : 9489119556

Status : Answered

Chosen Option : 4

Q.87 Study the table and answer the question that follows.

Annual Rainfall (in cm) in Indian States

State \ Year	2000	2005	2015
Himachal Pradesh	110	90	150
Uttar Pradesh	120	85	90
Madhya Pradesh	90	65	80
Andhra Pradesh	55	75	65
Tamil Nadu	150	90	115

Which state has the maximum percentage decrease in annual rainfall between the years 2000 and 2015?

Ans

-  1. Tamil Nadu
 2. Uttar Pradesh
 3. Andhra Pradesh
 4. Madhya Pradesh

Question ID : 9489112390

Option 1 ID : 9489119559

Option 2 ID : 9489119558

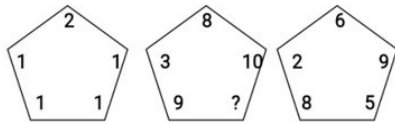
Option 3 ID : 9489119560

Option 4 ID : 9489119557

Status : Answered

Chosen Option : 1

Q.88 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.



- Ans**
- ☒ 1. 6
 - ☐ 2. 11
 - ☐ 3. 7
 - ☐ 4. 8

Question ID : **9489112391**
 Option 1 ID : **9489119563**
 Option 2 ID : **9489119561**
 Option 3 ID : **9489119562**
 Option 4 ID : **9489119564**
 Status : **Answered**
 Chosen Option : 1

Q.89 Study the table and answer the question that follows.

Production of grains in Indian States (in lakh tonnes)

State \ Year	2015	2018
Maharashtra	120	150
Karnataka	115	90
Himachal Pradesh	125	95
Kerala	85	65
Tamil Nadu	90	115

Which state has maximum percentage change in the production of grains between the year 2015 and 2018?

- Ans**
- ☐ 1. Karnataka
 - ☐ 2. Maharashtra
 - ☒ 3. Tamil Nadu
 - ☐ 4. Kerala

Question ID : **9489112392**
 Option 1 ID : **9489119566**
 Option 2 ID : **9489119568**
 Option 3 ID : **9489119565**
 Option 4 ID : **9489119567**
 Status : **Answered**
 Chosen Option : 2

Q.90 Select the number from among the given options that can replace the question mark (?) in the following series.

16, 25, 36, 49, ?

- Ans
- ☒ 1. 67
 - ☒ 2. 64
 - ☐ 3. 72
 - ☐ 4. 70

Question ID : 9489112385
Option 1 ID : 9489119537
Option 2 ID : 9489119538
Option 3 ID : 9489119540
Option 4 ID : 9489119539
Status : Answered
Chosen Option : 2

Q.91 Observe the four number-pairs listed below. In three of them, the numbers are related to each other by a specific logic.
Select the number pair that does not follow the same logic as the other three.

- Ans
- ☒ 1. 1331 – 144
 - ☐ 2. 216 – 36
 - ☐ 3. 729 – 81
 - ☐ 4. 2197 – 169

Question ID : 9489112394
Option 1 ID : 9489119575
Option 2 ID : 9489119574
Option 3 ID : 9489119573
Option 4 ID : 9489119576
Status : Answered
Chosen Option : 1

Q.92 Which of the following number, when added to itself 14 times gives 135 as result?

- Ans
- ☒ 1. 9
 - ☐ 2. 12
 - ☐ 3. 11
 - ☐ 4. 8

Question ID : 9489112388
Option 1 ID : 9489119550
Option 2 ID : 9489119552
Option 3 ID : 9489119551
Option 4 ID : 9489119549
Status : Answered
Chosen Option : 1

Q.93 Read the given statement carefully and select from among the given options, the conclusion that logically follows from the statement.

Statement:

Ability is a poor man's wealth.

- Ans**
- ☒ 1. A poor man is always able.
 - ☒ 2. A poor man can earn wealth if he has ability.
 - ☒ 3. A wealthy man is always able.
 - ☒ 4. A poor man does not have the ability to earn wealth.

Question ID : 9489112381

Option 1 ID : 9489119521

Option 2 ID : 9489119524

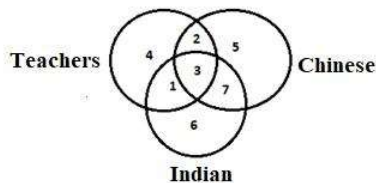
Option 3 ID : 9489119523

Option 4 ID : 9489119522

Status : Answered

Chosen Option : 1

Q.94 Study the diagram and identify the region representing teachers who are Indian but not Chinese.



- Ans**
- ☒ 1. 1 only
 - ☒ 2. 4, 1, 6
 - ☒ 3. 1, 3
 - ☒ 4. 3, 7

Question ID : 9489112396

Option 1 ID : 9489119582

Option 2 ID : 9489119581

Option 3 ID : 9489119583

Option 4 ID : 9489119584

Status : Answered

Chosen Option : 1

Q.95 If apple is called 'shampoo', shampoo is called 'milk', milk is called 'pen', pen is called 'hair' and hair is called 'apple', then which of the following will be a thing to drink?

- Ans**
- ☒ 1. pen
 - ☒ 2. shampoo
 - ☒ 3. apple
 - ☒ 4. hair

Question ID : 9489112377

Option 1 ID : 9489119508

Option 2 ID : 9489119506

Option 3 ID : 9489119505

Option 4 ID : 9489119507

Status : Answered

Chosen Option : 1

Q.96 Ram introduces a man as the only son of his father's father. How is the man related to Ram?

- Ans**
- ☐ 1. Nephew
 - ☐ 2. Son
 - ☐ 3. Paternal Uncle
 - ☒ 4. Father

Question ID : 9489112380
Option 1 ID : 9489119520
Option 2 ID : 9489119517
Option 3 ID : 9489119519
Option 4 ID : 9489119518
Status : Answered
Chosen Option : 4

Q.97 Four parts of the human body are listed, out of which three are alike in some manner and one is different. Select the odd one.

- Ans**
- ☐ 1. Throat
 - ☐ 2. Nose
 - ☐ 3. Mouth
 - ☒ 4. Tongue

Question ID : 9489112393
Option 1 ID : 9489119572
Option 2 ID : 9489119569
Option 3 ID : 9489119570
Option 4 ID : 9489119571
Status : Answered
Chosen Option : 2

Q.98 Among five friends, Ravi is taller than Anand but he is not as tall as Sunil. Rohit is taller than Sonu but shorter than Anand. Who is the shortest in their group?

- Ans**
- ☐ 1. Rohit
 - ☐ 2. Anand
 - ☒ 3. Sonu
 - ☐ 4. Sunil

Question ID : 9489112399
Option 1 ID : 9489119595
Option 2 ID : 9489119594
Option 3 ID : 9489119596
Option 4 ID : 9489119593
Status : Answered
Chosen Option : 3

Q.99 Five athletes Deepak, Aslam, Raju, Joni and Monu took part in a race. Joni finished before Raju but he is behind Monu. Aslam finished before Deepak but he is behind Raju. Who came third in the race?

- Ans**
- ☒ 1. Aslam
 - ☐ 2. Deepak
 - ☐ 3. Joni
 - ☒ 4. Raju

Question ID : **9489112403**
Option 1 ID : **9489119611**
Option 2 ID : **9489119612**
Option 3 ID : **9489119609**
Option 4 ID : **9489119610**
Status : **Answered**
Chosen Option : **4**

Q.100 Pointing to a photograph, Ram said, "This man's brother's daughter is my wife." How is his wife related to the man in the photograph?

- Ans**
- ☒ 1. Paternal Niece
 - ☐ 2. Daughter-in-law
 - ☐ 3. Daughter
 - ☐ 4. Sister

Question ID : **9489112401**
Option 1 ID : **9489119601**
Option 2 ID : **9489119603**
Option 3 ID : **9489119602**
Option 4 ID : **9489119604**
Status : **Answered**
Chosen Option : **1**