**ITEM1 : MEDALS TALLY**

**Credit Pattern:**

Full Credit: 2 marks

Partial Credit: 1 mark

Nil Credit: 0 mark

**Description of Answer Key and Credits:**

|  |
| --- |
| 1. Full credit : =   No credit : any other response   1. Full credit : A=range =174-0=174   B=Median of (0,7,32,41,60,83,93)=41  C=Mean = = 61.57  A-B+C=174-41+61.57=133+61.57=194.57  Partial credit: If any one of the above calculation is wrong.  No credit : If any two of the above calculation is wrong.   1. Full credit : (c) Pakistan   No credit : any other response   1. Full credit : (D) 111 Gold 91 Silver and 118 Bronze   No credit : any other response |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 | Q4 |
| Competency Cluster | Reading and Applying mathematical process | Reading and Applying mathematical process | Reading and Interpreting | Applying mathematical process |
| Overarching Idea | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading |
| Context | Occupational (Sports) | Occupational (Sports) | Occupational (Sports) | Occupational (Sports) |
| Item format | Closed constructed  response | Closed constructed  response | MCQ | MCQ |
| Cognitive Process | Evaluate | Evaluate | Interpret | Analysis |
| Proficiency Level | Level 2 | Level 3 | Level 2 | Level 2 |

**ITEM 2: CAREER OPTIONS**

**Credit Pattern:**

Full Credit: 2 marks

Partial Credit: 1 mark

Nil Credit: 0 mark

**Description of Answer Key and Credits:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Explain expected answer and the respective credits:  1 Full credit : Yes  No credit :For any other response  2 Full credit : No  No credit :For any other response  3. Full credit : No  No credit :For any other response  4. Full credit : No  No credit :For any other response. | | | | | |
| FRAMEWORK | Q1 | Q2 | Q3 | Q4 |
| Competency Cluster | Reading and Interpreting | Formulating situation Mathematically | Applying mathematical process | Applying mathematical process |
| Overarching Idea | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading |
| Context | Personal | Personal | Personal | Personal |
| Item format | Binary choice | Binary choice | Binary choice | Binary choice |
| Cognitive Process | Interpret | Evaluate | Evaluate & interpret | Evaluate & interpret |
| Proficiency Level | Level 1 | Level 2 | Level 3 | Level 3 |

**ITEM 3: DROPOUT RATE**

**Credit Pattern:**

Full Credit: 2 marks

Partial Credit: 1 mark

Nil Credit: 0 mark

**Description of Answer Key and Credits:**

|  |
| --- |
| 1. Full credit : (D ) 3   No credit : any other response   1. Full credit : Secondary to senior. 2. Full Credit:8   No credit : any other response   1. Full credit : Arunachal and Nagaland   No credit : |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 | Q4 |
| Competency Cluster | Reading and Interpreting | Applying mathematical process and reading | Reading and Interpreting | Reading and Interpreting |
| Overarching Idea | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading |
| Context | Societal Educational | Societal Educational | Societal Educational | Societal Educational |
| Item format | MCQ | Closed response | Complex MCQ | Closed response |
| Cognitive Process | Infer | Evaluate | Analysis | Infer |
| Proficiency Level | Level 1 | Level 2 | Level 3 | Level 3 |

**ITEM 4 : MRKS COMPARISON**

**Credit Pattern:**

Full Credit: 2 marks

Partial Credit: 1 mark

Nil Credit: 0 mark

**Description of Answer Key and Credits:**

|  |
| --- |
| 1. Full credit : (C ) = 72%   No credit : any other response   1. Full credit : (C ) x 80 = 60 % , Rohit   No credit : any other response   1. Full credit : Rohit , Mohit =50 Rohit =60   Partial credit : if names are identified correctly  No credit :0 if names identified wrong   1. Full credit : 1296   =360 %  = 1296  Partial credit : if average % is only correct and sum of marks is wrong  No credit : if data read wrongly or If average is wrong |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 | Q4 |
| Competency Cluster | Reading and Applying mathematical process | Applying mathematical process and reading | Analysing and reading | Applying mathematical process |
| Overarching Idea | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading |
| Context | Personal | Personal | Personal | Personal |
| Item format | MCQ | MCQ | Short response | Closed response |
| Cognitive Process | Evaluate | Evaluate & Interpret | Analysis & interpret | Evaluate |
| Proficiency Level | Level 1 | Level 2 | Level 3 | Level 4 |

**ITEM5 : INDIAN SALT INDUSTRY**

**Credit Pattern:**

Full Credit: 2 marks

Partial Credit: 1 mark

Nil Credit: 0 mark

**Description of Answer Key and Credits:**

|  |
| --- |
| 1. Full credit : (C) 1950   No credit : any other response   1. Full credit : (D) 129000 tonnes   No credit : any other response   1. Full credit : production in Rajasthan = 129 thousand tonnes   Production in Rajasthan =129x100/8 = 1612.5 thousand tonnes  =1612500 tonnes  Partial credit : production in Rajasthan = 129 tonnes  Production in Rajasthan =129x100/8 = 1612.5 tonnes  No credit : if names identified wrong   1. Full credit : Production in 1970 =306.3 thousand tonnes   Production in 2010 =109.7 thousand tonnes  % of Decrease in production= =64.19 %  Partial credit : if identification of production is correct and % of decrease is wrong  No credit : if data read wrongly   1. Full credit : This decreased salt production is due to the decline in the volume of inflow of water from the river Mendha and its tributaries. This is due to the constructions of dams 40 upstream   Partial credit : if only one reason is given of their choice not in the paragraph.  No credit : If reasons are not appropriate |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 | Q4 | Q5 |
| Competency Cluster | Reading and Interpreting | Reading and Interpreting | Reading and Interpreting | Applying mathematical process | Reading and Interpreting |
| Overarching Idea | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading |
| Context | Societal Occupational | Societal Occupational | Societal Occupational | Societal Occupational | Societal Occupational |
| Item format | MCQ | MCQ | Closed  constructed response | Closed  constructed response | Open constructed response |
| Cognitive Process | Interpret | Interpret | Employ | Evaluate | Interpret |
| Proficiency Level | Level 1 | Level 2 | Level 3 | Level 3 | Level 2 |

**ITEM 6 : GENDER DISTRIBUTION**

**Credit Pattern:**

Full Credit: 2 marks

Partial Credit: 1 mark

Nil Credit: 0 mark

**Description of Answer Key and Credits:**

|  |
| --- |
| 1. Full credit : (A ) x 100 = 87%   No credit : any other response   1. Full credit : (C ) =4:5   No credit : any other response  3. Full credit : (A )  No credit : any other response  4. Full credit : (A )  No credit : any other response |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 | Q4 |
| Competency Cluster | Reading and Formulating situation Mathematically | Reading and numerical relationship | Reading and numerical relationship | Reading and numerical relationship |
| Overarching Idea | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading | Uncertainty –data reading |
| Context | Personal | Personal | Personal | Personal |
| Item format | Complex MCQ | MCQ | MCQ | MCQ |
| Cognitive Process | Employ | Evaluate | Formulate & Evaluate | Infer |
| Proficiency Level | Level 3 | Level 2 | Level 2 | Level 1 |

**ITEM 7 : MODE OF TRANSPORT**

**Credit Pattern:**

Full Credit: 2 marks

Partial Credit: 1 mark

Nil Credit: 0 mark

**Description of Answer Key and Credits:**

|  |
| --- |
| 1. Full credit : (D)   No credit : any other response   1. Full credit : (B)   No credit : any other response   1. Full credit : (B)   Fastest mode of transport is Car.  No credit : if names identified wrong   1. Full credit : 15 hours   No credit : |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 | Q4 |
| Competency Cluster | Reading and Applying mathematical process | Applying mathematical process | Reading and Applying mathematical process | Applying mathematical process |
| Overarching Idea | Data reading and Quantity | Data reading and Quantity | Data reading and Quantity | Data reading and Quantity |
| Context | Personal | Personal | Personal | Personal |
| Item format | MCQ | Complex MCQ | Complex MCQ | Closed response |
| Cognitive Process | Evaluate | Evaluate | Interpret | Interpret |
| Proficiency Level | Level 1 | Level 3 | Level 3 | Level 3 |

**ITEM 8 : PLAYING CARDS**

**Credit Pattern:**

Full Credit: 2 marks

Partial Credit: 1 mark

Nil Credit: 0 mark

**Description of Answer Key and Credits:**

|  |
| --- |
| 1. Full credit : (A )   No credit : any other response   1. Full credit : (C )   No credit : any other response   1. Full credit : (B )   No credit : any other response   1. Full credit : (D )   No credit : any other response   1. Full credit : (D )   No credit : any other response |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 | Q4 | Q5 |
| Competency Cluster | Reading and Procedural | Reading and Procedural | Reading and Procedural | Reading and Procedural | Reading and Procedural |
| Overarching Idea | Uncertainty –Probability | Uncertainty –Probability | Uncertainty –Probability | Uncertainty –Probability | Uncertainty –Probability |
| Context | Personal | Personal | Personal | Personal | Personal |
| Item format | MCQ | MCQ | MCQ | MCQ | MCQ |
| Cognitive Process | Evaluate | Evaluate | Evaluate | Analysis & Evaluate | Analysis & Evaluate |
| Proficiency Level | Level 1 | Level 1 | Level 2 | Level 2 | Level 2 |

ITEM 9 : VIRAT VS LEGSPIN

Credit Pattern

Full Credit: 2

Partial Credit: 1

Nil Credit:0

Description of Answer Key and credits :

|  |
| --- |
| 1) Full Credit: A Zampa  No Credit : Other Responses  2) Full Credit : 2012 &2013  Partial Credit : 2012 or 2013  No Credit : Other Responses  3) Full Credit : I Tahir  No Credit : Other responses  4) Full Credit : No, Because the data given here only of dismissal by leg spinner  Partial credit : No without any reason  No credit : Other responses |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FRAMEWORK | Q 1 | Q 2 | Q 3 |  |
| Competency Cluster | Reading & Interpreting Data | Reading & Interpreting Data | Reading & Interpreting Data | Reading & Interpreting Data |
| Overarching Idea | Uncertainity & Data | Uncertainity & Data | Uncertainity & Data | Uncertainity & Data |
| Context | Occupational  ( Sports) | Occupational  ( Sports) | Occupational  ( Sports) | Occupational  ( Sports) |
| Item Format | Closed Constructed | Closed Constructed | MCQ | Closed Constructed |
| Cognitive Process | Interpreting | Interpreting | Interpreting | Interpreting |
| Proficiency Level | 1 | 2 | 1 | 1 |

ITEM 10 : SEX RATIO AT BIRTH

Credit Pattern

Full Credit: 2

Partial Credit: 1

Nil Credit:0

Description of Answer Key and credits :

|  |
| --- |
| 1) Full Credit : 5  No credit : Other responses  2) Full Credit : d)  No credit : Other responses  3) Full Credit : A&N Islands  No credit : Other responses |

|  |  |  |  |
| --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 |
| Competency Cluster | Reading & Interpreting Data | Reading & Interpreting Data | Reading & Interpreting Data |
| Overarching Idea | Uncertainity & Data | Uncertainity & Data | Uncertainity & Data |
| Context | Societal | Societal | Societal |
| Item Format | Closed Constructed | Closed Constructed | MCQ |
| Cognitive Process | Interpreting | Interpreting | Interpreting |
| Proficiency Level | 1 | 2 | 1 |

ITEM 11 : CLIMATE & RAINFALL

Credit Pattern

Full Credit:2

Partial Credit:1

Nil Credit:0

Description of Answer Key and credits :

|  |
| --- |
| 1) Full credit : 2009  No credit : Other responses  2) Full credit : 9070  No credit : Other responses  3) Full Credit : Yes, 2002,2004 &2006  Partial Credit : Either Yes or any of 2002,2004 and 2006  No credit : Other responses |

|  |  |  |  |
| --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 |
| Competency Cluster | Reading & Interpreting Data | Reading & Interpreting Data | Reading & Interpreting Data |
| Overarching Idea | Uncertainity & Data | Uncertainity & Data | Uncertainity & Data |
| Context | Societal | Societal | Societal |
| Item Format | Closed Constructed | Closed Constructed | MCQ |
| Cognitive Process | Interpreting | Interpreting | Interpreting |
| Proficiency Level | 1 | 2 | 1 |

ITEM 12 : GAMBLING PROBABILITY

Credit Pattern

Full Credit: 2

Partial Credit: 1

Nil Credit: 0

Description of Answer Key and credits :

|  |
| --- |
| 1) Full Credit :  No Credit : Other responses  2) Full credit : c)  No credit : Other responses  3) Full credit : or  No credit : Other responses  4) Full credit : c)  No credit : Other responses |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 | Q4 |
| Competency Cluster | Reading and analyzing | Reading and analyzing | Reading and analyzing | Reading and analyzing |
| Overarching Idea | Uncertainty & Data | Uncertainty & Data | Uncertainty & Data | Uncertainty & Data |
| Context | Personal | Personal | Personal | Personal |
| Item Format | Closed constructed | MCQ | Closed constructed | MCQ |
| Cognitive Process | Analyzing | Analyzing | Analyzing | Analyzing |
| Proficiency Level | 2 | 2 | 2 | 2 |

ITEM 13 :GOAL COMPARISON

Credit Pattern

Full Credit:2

Partial Credit:1

Nil Credit:1

Description of Answer Key and credits :

|  |
| --- |
| 1) Full Credit:9  No credit : Other responses  2) Full Credit : England  No credit : Other responses  3) Full Credit : Yes , 1/3rd of 18=6  6+18=24  he would have scored 24 goals which would have made him the top scorer  Partial Credit : Yes without any reason. Or with 1/3rd calculation .  No credit : Other responses  4) Full credit : c) 17.5  No credit : Other responses |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 | Q4 |
| Competency Cluster | Reading & Analyzing | Reading & Interpreting | Reading & Interpreting | Reading & Analyzing |
| Overarching Idea | Uncertainty & Data | Uncertainty & Data | Uncertainty & Data | Uncertainty & Data |
| Context | Occupational | Occupational | Occupational | Occupational |
| Item Format | Closed constructed | MCQ | Closed constructed | MCQ |
| Cognitive Process | Analyzing | Interpreting | Interpreting | Analyzing |
| Proficiency Level | 1 | 2 | 2 | 1 |

ITEM 14 :INFANT MORTALITY RATE

Credit Pattern

Full Credit:2

Partial Credit:1

Nil Credit:0

Description of Answer Key and credits :

|  |
| --- |
| 1) Full Credit :Madhya Pradesh  No credit : Other Responses  2) Full Credit : All the observations  Partial Credit : Any two observations  No credit : Other responses  3) Full credit : b  No credit : Other responses  4) Full credit : 350 %  No credit : Other Responses |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 | Q4 |
| Competency Cluster | Reading & Interpreting | Reading & Interpreting | Reading & Interpreting | Reading & Analyzing |
| Overarching Idea | Uncertainty & Data | Uncertainty & Data | Uncertainty & Data | Uncertainty & Data |
| Context | Societal | Societal | Societal | Soceital |
| Item Format | Closed Constructed | Closed Constructed | MCQ | Closed Constructed |
| Cognitive Process | Interpreting | Interpreting | Interpreting | Analyzing |
| Proficiency Level | 1 | 2 | 2 | 2 |

ITEM 15 :RESULT ANALYSIS

Credit Pattern

Full Credit:2

Partial Credit:1

Nil Credit:0

Description of Answer Key and credits :

|  |
| --- |
| 1) Full Credit :931 & 482  Partial credit : Either of 931 or 482  No credit : Other Responses  2) Full Credit : 1.92 %  No credit : Other responses  3) Full credit : Yes.  No credit : Other responses  4) Full credit : 15.95  No credit : Other Responses |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FRAMEWORK | Q1 | Q2 | Q3 | Q4 |
| Competency Cluster | Reading & Interpreting | Reading & Analyzing | Reading & Analyzing | Reading & Interpreting |
| Overarching Idea | Uncertainty & Data | Uncertainty & Data | Uncertainty & Data | Uncertainty & Data |
| Context | Societal | Societal | Societal | Soceital |
| Item Format | Closed Constructed | Closed Constructed | Closed Constructed | Closed Constructed |
| Cognitive Process | Interpreting | Interpreting | Interpreting | Interpreting |
| Proficiency Level | 1 | 1 | 2 | 1 |

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