Α в

Peak traffic volume

Peak hour factor

| ^ | | | |
|--|--|------------------------|--------------------|
| Question | n Paper with Final (Revised) Answer Key for the Post of | Assistant Town Planner | held on 08-03-2019 |
| Itemcod | le : TP1001 | · | |
| Q1: \ | – Which of the following is NOT a criteria for defining urbar | areas: | |
| A Pop | pulation size | | |
| B Per | centage of pucca houses | | |
| c Der | nsity of population | | |
| D Per | centage of male working population engaged in non-agri | cultural activities | |
| Correct | Ans: B | | |
| Itemcode : TP1002 Q2: Name the author of the book titled 'Garden Cities of Tomorrow' A Patrick Geddes | | | |
| B Lev | vis Mumford | | |
| c Chr | ristopher Alexander | | |
| D Joh | n Ruskin | | |
| Correct Ans: B | | | |
| | | | |
| <u>Itemcode</u> : TP1003 Q3: A large densely populated urban sprawl formed by the growth and coalescence of individual towns or cities: | | | |
| A Ago | glomeration | | |

| в | Conurbation |
|----------------|--------------|
| с | Primacy |
| D | Compact city |
| Correct Ans: B | |

<u>Itemcode</u> : **TP1005 Q5:** The traffic volume during peak hour expressed as a percentage of the Average Daily Traffic (ADT)

| | Itemcode : TP1004 Q4: Lal Dora implies a boundary of the territory of village within which norms and controls: | | |
|-----|--|--|--|
| A | of a municipality or urban authority are not applicable | | |
| в | of municipality is applicable | | |
| с | of urban authority is applicable | | |
| D | are not applicable | | |
| Cor | Correct Ans: A | | |

| с | Traffic capacity | | |
|-----|--|--|--|
| D | Traffic Calming | | |
| Cor | rrect Ans: B | | |
| _ | Itemcode : TP1006 Q6: Which of the following is secondary air pollutant: | | |
| A | PM 2.5 | | |
| в | NO2 | | |
| с | Ozone | | |
| D | Ammonia | | |
| Cor | Correct Ans: C | | |
| | | | |
| | | | |

Q7: The original fan-shaped Master Plan for Chandigarh was given by:

- A Ebenezer HowardB Jane Drew
- c Albert Mayer
- D Otto H. Koenigsbrger

Correct Ans: C

Itemcode : TP1008

Q8: Which of the following denotes a social network of individuals who interact through specific media, potentially crossing geographical and political boundaries in order to achieve mutual interests or goals ?

| Α | Rural Community |
|----------------|-------------------|
| в | Tribal community |
| с | Virtual community |
| D | Urban community |
| Correct Ans: C | |

| | Itemcode : TP1009 Q9: Factors that influence personal trip attraction is / are: | |
|----------------|--|--|
| A | Income | |
| в | Vehicle ownership | |
| с | Family size | |
| D | Roofed space available for industrial, commercial and other services | |
| Correct Ans: D | | |
| | | |
| Iter | Itemcode : TP1010 | |

| Q10: When an economic activity is associated with a piece of land by the human beings, it is known as: | | |
|---|------------------|--|
| A | Land Cover | |
| в | Land use | |
| С | Biome | |
| D | All of the above | |
| Cor | Correct Ans: B | |

Itemcode : TP1011

| Q1 | Currently, which agency is responsible for apex body for formulation and administration of the rules and regulations and laws relating to the housing and urban development in India: |
|----------------|---|
| Α | Ministry of Housing and Urban Affairs |
| в | Ministry of Urban Development |
| с | Niti Ayog |
| D | Ministry of AYUSH |
| Correct Ans: A | |

Itemcode : TP1012

| Q12 | 2: Planning Commission which formulated India's five year plan, was dissolved in 2014. How many five year plans were given by Planning Commission: | | |
|-----|---|--|--|
| A | 12 | | |
| в | 11 | | |
| с | 15 | | |
| D | 10 | | |
| Cor | Correct Ans: A | | |

Itemcode : TP1013

Q13: Gravity model (spatial interaction model in travel forecasting) is based on the assumption that:

A Interaction between two locations is proportional to their size and their distance (impedance)

B Interaction between two locations is inversely proportional to their size and their distance (impedance)

c Interaction between two locations is proportional to their size and inversely proportional to their distance (impedance)

D Interaction between two locations is proportional to their size and independent of distance (impedance)

Correct Ans: C

| Iter | ncode : TP1014 | |
|---|---|--|
| Q1 | 4:concerns the science of human settlements, including regional, city, community planning and dwelling design | |
| A | Urban Planning | |
| в | Anthropology | |
| с | Ekistics | |
| D | Remote Sensing | |
| Correct Ans: C | | |
| | | |
| Itemcode : TP1015 | | |
| Q15: Which of the following is not a planned city: | | |
| A | Bhubaneshwar | |
| | | |

- B Gandhinagar
- B Ganannaga
- c New Raipur
- D Kochi

Correct Ans: D

| | Itemcode : TP1016 Q16: Which of the following is not a population projection method: | |
|----------------|--|--|
| A | Mathematical and Direct Methods | |
| в | Employment Method | |
| С | Productivity Method | |
| D | Ratio Method | |
| Correct Ans: C | | |

| Itemcode : TP1017 Q17: Fill in the blank: India lost of its mangroves in the last century. | | |
|--|-----|--|
| A | 20% | |
| в | 40% | |
| с | 60% | |
| D | 80% | |
| Correct Ans: B | | |

| Itemcode : TP1018 Q18: Which of the following is not an element of image interpretation: | | | |
|---|-------------|--|--|
| A | Shape | | |
| в | Association | | |
| с | Texture | | |
| D | Length | | |
| Correct Ans: D | | | |
| | | | |

Itemcode : TP1019

Q19: How much incentive money is given to beneficiary in rural areas as per Swachch Bharat Mission:

A Rs. 6,000

| в | Rs. 8,000 | |
|-----|----------------|--|
| С | Rs. 10,000 | |
| D | Rs. 12,000 | |
| Cor | Correct Ans: D | |

| Q2 | 0: | Demographic | Transitional | Model | was propol | inded by | : |
|----|----|---------------|--------------|-------|------------|----------|---|
| Δ | w | arren Thompso | on | | | | |

- B Homer Hoyt
- c Le Corbusier
- D Chauncy Harris and Edward Ullman

Correct Ans: A

<u>Itemcode</u> : **TP1021 Q21:** Which of the following are types of Non-probability sampling:

- i- Quota & Snowball
- ii- Convenience & Judgement
- iii- Simple Random & Systematic
- iv- Stratified and cluster

| Α | i and ii | |
|-----|----------------|--|
| в | iii and iv | |
| с | i and iv | |
| D | ii and iii | |
| Cor | Correct Ans: A | |

| Ite | Itemcode : TP1022 | | | |
|-----|--|--|--|--|
| Q2 | 2: Identify the cities: | | | |
| | | | | |
| A | Madrid and Chandigarh | | | |
| в | Brasilia and Gandhinagar | | | |
| с | Madrid and Gandhinagar | | | |
| D | Brasilia and Chandigarh | | | |
| Coi | Correct Ans: B | | | |
| | | | | |
| | Itemcode : TP1023 Q23: What was the aim of second five year plan (1956-57 to 1960-61)? | | | |
| A | Self-generating economy | | | |

B Nationalization of Banks

- С Rapid Industrialisation
- **D** Protection of the environment and ecological resources

Correct Ans: C

| Itemcode : TP1024 Q24: Where was first BRTS started in India ? | | | |
|---|-----------|--|--|
| A | Delhi | | |
| в | Ahmedabad | | |
| С | Pune | | |
| D | Jaipur | | |
| Correct Ans: C | | | |

| Itemcode : TP1025 | |
|-------------------|--|
|-------------------|--|

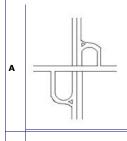
Q25: The concept of `Outgrowth' was introduced for the first time in Census in which year ?

| A | 1961 | | |
|-----|----------------|--|--|
| в | 1971 | | |
| с | 1981 | | |
| D | 1991 | | |
| Cor | Correct Ans: B | | |

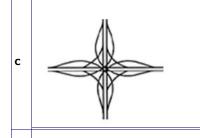
| | Itemcode : TP1026 Q26: How many types of cities are there on the basis of size-type ? | | | |
|----|--|--|--|--|
| Α | 6 | | | |
| в | 4 | | | |
| с | 5 | | | |
| D | 7 | | | |
| Co | Correct Ans: A | | | |

Itemcode : TP1027

Q27: Symbolic representation of full cloverleaf interchange







Correct Ans: B

| | Itemcode : TP1028 Q28: Which of the following disciplines focus on the inter-relationships between people and their environment ? | | | |
|----|---|--|--|--|
| A | History | | | |
| в | Economics | | | |
| с | Sociology | | | |
| D | Ecology | | | |
| Co | Correct Ans: D | | | |
| | | | | |

Itemcode : TP1029 Q29: Which of the following test is not used as a test of linearity:

| Α | F-test | | |
|----------------|-------------------|--|--|
| в | T-test | | |
| с | Linear Regression | | |
| D | Chi-square test | | |
| Correct Ans: D | | | |
| | | | |

| | mcode : TP1030 | | | | |
|----|---|--|--|--|--|
| Q3 | Q30: Resilience is | | | | |
| Α | Resist any action | | | | |
| в | Rate of coming back to original situation | | | | |
| с | Supporting any activity to happen | | | | |
| D | Right to know | | | | |
| Co | Correct Ans: B | | | | |

| <u>Itemcode</u> : TP1031 Q31: The tendency of an ecosystem to maintain its balance by regulatory mechanism when disrupted is known as | | | |
|--|----------------|--|--|
| A | A Homeostasis | | |
| в | Entropy | | |
| с | Succession | | |
| D | Evolution | | |
| Coi | Correct Ans: A | | |

| Iter | Itemcode : TP1032 | | |
|---------------------------------|--|--|--|
| Q3 | Q32: Travel behaviour characteristics of an urban area can be derived from | | |
| A Origin and Destination survey | | | |
| B Parking survey | | | |
| с | Socio-Economic survey | | |
| D | Demographic survey | | |
| Cor | Correct Ans: A | | |
| | | | |
| <u>Iter</u> | Itemcode : TP1033 | | |

| - | 3: A drainage basin of 250 hectares comprise of 40% wooded area, 45% grassland and 15% built up area. Runoff coefficients for wooded area, grassland and built-up area are 0.01, 0.2 and 0.95 respectively. The composite runoff coefficient for the drainage basin is |
|---|--|
| | runon coefficient for the drainage basin is |
| Α | 0.1365 |

| в | 0.2356 | |
|-----|----------------|--|
| С | 0.2365 | |
| D | 0.1356 | |
| Cor | Correct Ans: C | |

Q34: As per Census of India, Nagar Panchayat refers to governance of

A Fringe area

B Peri-Urban area

c Rural area adjacent to a city

D Areas in transition from Rural to Urban

Correct Ans: D

 Itemcode : TP1035

 Q3:: 'Opportunity cost' refers to

 A
 Profitable option

 B
 Price paid for a service

 C
 Loss of other alternatives when one alternative is chosen

 D
 Price paid for choosing the option not easily available

 Correct Ans: C

Itemcode : TP1036

Q36: Desire line diagram helps in

| A | Origin -Destination analysis in transportation planning | |
|----|---|--|
| в | Survey for sewer lines layout | |
| с | Meeting needs of an individual | |
| D | Basic service demand of a settlement | |
| Co | Correct Ans: A | |

Itemcode : TP1037

Q37: Match the land-use with colour codes

| No. | L. | No. | 1 |
|-----|----------------------|-----|--------|
| A | Residential | i | Blue |
| В | Commercial | ii | Grey |
| С | Industrial | iii | Red |
| D | Public / Semi-Public | iv | Yellow |
| | | v | Violet |

A A-iii, B-ii, C-iv, D-i

B A-iv, B-i, C-v, D-iii

c A-iv, B-i, C-ii, D-v

D A-ii, B-i, C-iv, D- v

Correct Ans: B

Itemcode : TP1038

Q38: Match the following planning concepts

| No. | 1 | No. | 11 |
|-----|-----------------|-----|--------------------|
| A | Radburn concept | i | Ebenezer Howard |
| В | Garden city | ii | Clarence Stein |
| С | Ekistics | iii | Frank Lloyd Wright |
| D | City beautiful | iv | C.A.Doxiadis |
| | | V | Daniel Burnham |

| A | A-ii, B-iv, C-i, D-v | | |
|-----|------------------------|--|--|
| в | A-v, B-i, C-iv, D-iii | | |
| С | A-iii, B-ii, C-iv, D-i | | |
| D | A-ii, B-i, C-iv, D-v | | |
| Cor | Correct Ans: D | | |

| _ | A Matuanalia |
|-----|---|
| A | Continuous spread of urban settlements with its outgrowth |
| Q39 | 9: 'Urban Agglomeration' in census means |

| с | Area surrounding urban area |
|------------------|-----------------------------|
| D | Peri-Urban area |
| Converse April A | |

Correct Ans: A

Itemcode : TP1040

| Q4 | Q40: Which of the following, is not a classical urban land-use theory | | | |
|-----|---|--|--|--|
| Α | Multiple nuclei theory | | | |
| в | Central place theory | | | |
| с | Sector theory | | | |
| D | Concentric Zone theory | | | |
| Cor | Correct Ans: B | | | |

Itemcode : TP1041

| | Itemcode : TP1041 Q41: `V7' concept given by Le Corbusier refers to | | | |
|--------------------------|--|--|--|--|
| A Neighbourhood Planning | | | | |
| в | Hierarchy of roads | | | |
| С | Housing Typology | | | |
| D | D Services level | | | |
| Cor | Correct Ans: B | | | |

| | <u>Itemcode</u> : TP1042 Q42: The term 'Working head' in context of water supply system means | | |
|-----|--|--|--|
| A | Height of water falling | | |
| в | Rate of increase of water velocity | | |
| с | Demand raised | | |
| D | Difference between supply and delivery levels | | |
| Cor | Correct Ans: D | | |

| A Communica B Equity plann | | i | Norm Krumholz |
|-------------------------------|------|----------------|-------------------|
| B Equity plann | ning | | |
| | ing | ii | Martha Nussbaum |
| C Feminism | | iii | Thomas Kuhn |
| D Paradigm sh | nift | iv | Jane Jacob |
| | | v | Jürgen Habermas |
| C | | Paradigm shift | Paradigm shift iv |

Correct Ans: B

| | Itemcode : TP1044 Q44: `Homelessness' refers to | | |
|-----|---|--|--|
| A | Percentage of people living on unauthorized land | | |
| в | Total number of people living on footpath | | |
| с | Share of urban population living in slums | | |
| D | Number of people per 1000 urban area population sleeping outside dwelling units | | |
| Cor | Correct Ans: D | | |

Itemcode : TP1045

Q45: The Planning Document submitted for selected cities under JNNURM is

| A Perspective Plan |
|--------------------|
|--------------------|

- B City Development Plan
- c Master Plan

D Local Area Plan

Correct Ans: B

Itemcode : TP1046

Q46: A Local Authority can go for Urban Development using

| Α | Land Acquisition | |
|-----|------------------|--|
| в | Land Pooling | |
| с | TDR | |
| D | All of the above | |
| Cor | Correct Ans: D | |
| | | |

| | itemcode : TP1047 Q47: Advance traffic lane information is an important feature of | | |
|-----|---|--|--|
| A | Para Transit system | | |
| в | Intelligent Transportation System | | |
| с | Cable car system | | |
| D | Travellator system | | |
| Cor | Correct Ans: B | | |

| | temcode : TP1048 248: A 'Cul-de-sac' is a street with | |
|-----|--|--|
| A | Dead end | |
| в | Through traffic | |
| С | Many junctions | |
| D | Ring road | |
| Cor | Correct Ans: A | |

Itemcode : TP1049 Q49: A neighbourhood with a total area of 200 hectares has a gross density of 300 persons per hectare. If the residential area is 60% of the total area, the net density of the neighbourhood is A 450 B 600 C 500 D 700 Correct Ans: C

| Ite | Itemcode : TP1050 | | |
|--|---|--|--|
| Q5 | Q50: 'Internalisation of externalities' refers to | | |
| Α | External funding | | |
| в | The cost or benefit that effects a party who did not choose to incur that cost of benefit | | |
| С | Extending spatial scope of work | | |
| D | Extending social scope of work | | |
| Co | Correct Ans: B | | |
| | | | |
| Ite | Itemcode : TP1051 | | |
| Q51: Which of the following was not included in the 'UDPFI guidelines', for Urban Development | | | |
| Α | Annual Plan | | |
| в | Perspective Plan | | |
| с | Development Plan | | |

D City Development Plan

Correct Ans: D

Itemcode : TP1052

Q52: Income inequalities across population is expressed through

- A Inverted U-Curve
- B Lorenz curve
- c Cohort Pyramid
- D Indifference curve
- Correct Ans: B

Itemcode : TP1053

| | 253: Structural adjustments between two regions with respect to supply and demand of labourers and their wages is explained by | | |
|-----|--|--|--|
| Α | Input –Out put model | | |
| в | Export base model | | |
| с | Spread and Backwash effect | | |
| D | Distance-Decay method | | |
| Cor | Correct Ans: C | | |

Itemcode : TP1054

 $\ensuremath{\textbf{Q54:}}$ Which of the following, is not a criterion for defining urban area as per census

| Α | Demography |
|----|----------------|
| в | Socio-Economy |
| с | Administrative |
| D | Household size |
| Co | rrect Ans: D |

| _ | Itemcode : TP1055 Q55: In which year, latest revisions in the Solid Waste Management Rules have been adopted ? | | |
|-----|---|--|--|
| A | 2014 | | |
| в | 2015 | | |
| с | 2016 | | |
| D | 2017 | | |
| Coi | rrect Ans: C | | |
| | | | |

Itemcode : TP1056

Q56: How many functions / functional items of municipalities are listed in the Twelfth Schedule under Article 243-W of the Constitution of India ?

٦

| A | 12 | | |
|-----|----------------|--|--|
| в | 15 | | |
| С | 16 | | |
| D | 18 | | |
| Coi | Correct Ans: D | | |

Q57: Which of the following function(s) / functional item(s) of municipalities is / are listed in the Twelfth Schedule of the Constitution of India ?

| A | Urban planning including town planning, |
|----------------|--|
| в | Regulation of land-use and construction of buildings, |
| С | Both the above options Urban planning including town planning & Regulation of land-use and construction of buildings. |
| D | None of the above options Urban planning including town planning & Regulation of land-use and construction of buildings. |
| Correct Ans: C | |

Itemcode : TP1058

Q58: The first Town Planning Act in India adopted by the British was for:

B Calcutta presidency area

c Madras presidency area

D New Delhi

Correct Ans: A

Itemcode : TP1059

Q59: Which of the following lays down the framework for cadastral records in any State ?

A Land Revenue Code / Act of the State,

B Town & Country Planning Act of the State,

c Municipal Act of the State

D None of the other options

Itemcode : TP1060

Correct Ans: A

| Iter | | |
|----------------|---|--|
| Q6 | Q60: Indicate the year for the Himachal Pradesh Town and Country Planning Act (not considering the subsequent amendments). | |
| A | 1976 | |
| в | 1977 | |
| с | 1978 | |
| D | 1979 | |
| Correct Ans: B | | |

| | Itemcode : TP1061 Q61: Which of the following is not a statutory plan ? | |
|-------------------|--|--|
| A | Land-use & Development Control Plan (of a town / city) | |
| в | Regional Plan (of a city region) | |
| с | Comprehensive Mobility Plan (of a town / city) | |
| D | Master Plan (of a town / city) | |
| Correct Ans: C | | |
| Itemcode : TP1062 | | |

Q62: Which of the following is not included in the Value Capture Finance policy framework laid down by Government of India ?

A Vacant Land Tax

| в | Tax Incremental Financing |
|----------------|--|
| С | User Charge |
| D | Premium on relaxation of rules or additional FSI/FAR |
| Correct Ans: C | |

| Itemcode : TP1063 Q63: The Sustainable Development Goals (SDGs) are a collection of | | |
|---|----------|--|
| Α | 17 Goals | |
| в | 12 Goals | |
| с | 19 Goals | |
| D | 15 Goals | |
| Correct Ans: A | | |

| Q64: What is the number of the Sustainable Development Goal (SDG) which is associated with "Clean Water and Sanitation" ? | |
|--|------------|
| A | 3rd Goal |
| в | 6th Goal |
| С | 13th Goal |
| D | 17th Goal. |
| Correct Ans: B | |

| Itemcode : TP1065 Q65: The 'Sector model', a model of urban land use was proposed by land economist named: | | |
|---|-----------------|--|
| A | Harris & Ullman | |
| в | Homer Hoyt | |
| с | Burgess | |
| D | Arturo S Mata | |
| Correct Ans: B | | |
| | | |
| Itemcode : TP1066 | | |

| _ | Q66: Which of the following characteristics or criticisms is not true for 'Sector model'? | |
|----------------|---|--|
| Α | The theory is based on early twentieth century rail transport | |
| в | The theory takes into account private car movement that enable commuting from cheaper land outside city boundaries; | |
| с | Diagrammatic representation of the proposed model indicated a roughly circular shaped city with factory / industry sector and high class residential sector radiating outwards as fan shaped wedges (like fan blades) narrower towards the CBD; | |
| D | The theory does not take into account the concepts of edge cities and boomburbs or city outgrowths | |
| Correct Ans: B | | |

| Correct Ans: B | | |
|--|---|--|
| | | |
| Itemcode : TP1067 Q67: A developer intends that all the plots for houses in a plotted development area have only one dwelling unit in each plot | | |
| • | having identical size of building foot-print. Which of the following house types is likely to require the least land area for accommodating the same number of dwelling units ? | |
| Α | Row houses | |
| в | Detached houses | |
| с | Semi-detached houses | |
| D | All the given options will require same land area. | |
| Correct Ans: A | | |
| | | |
| Iten | Itemcode : TP1068 | |

Itemcode : TP1068

A

Q68: Which of the following statement is unrelated or false for the 'Rank size rule' propounded by Zipf and consequent researchers ?

Rank-size rule (or rank-size distribution) of city populations, is a commonly observed statistical relationship between the

| population sizes and population ranks of a nation's cities or urban areas. | |
|---|--|
| As nations or regions develop and become more socially and economically complex, they are more likely to conform to Zipf's rank-size rule. | |
| In its most simplest and restrictive form, the rule states that the population of a town Px with rank 'x' in the region [rank in descending order] will equal to [or be somewhat close to] a number calculated as population of the largest town in the region divided by the rank 'x'. | |
| Settlement pattern in regions with very big primate cities are more likely to conform to Zipf's rank-size rule. | |
| Correct Ans: D | |
| | |

| Q6 | 9: The United Nations Conference on Environment and Development (UNCED), also known as the 'Rio de Janeiro Earth Summit', which resulted in 'Agenda 21' an action plan with regard to sustainable development, happened in which year ? |
|----|---|
| Α | 1972 |
| в | 1982 |
| С | 1992 |
| D | 2002 |

Correct Ans: C

| _ | Itemcode : TP1070 Q70: In India, The Environment (Protection) Act was enacted in which year ? | |
|-------------------|--|--|
| A | 1972 | |
| в | 1984 | |
| с | 1986 | |
| D | 1992 | |
| Cor | Correct Ans: C | |
| Itemcode · TP1071 | | |

| _ | de : TP1071 The Kyoto Protocol linked to the UNFCCC, was adopted in which year ? | |
|-----|---|--|
| A | 1984 | |
| в | 1997 | |
| с | 2002 | |
| D | 2006 | |
| Cor | Correct Ans: B | |

| _ | temcode : TP1072 272: Which out of the following is a GHG ? | |
|-----|--|--|
| A | MIC | |
| в | Nitrogen | |
| с | H ₂ S | |
| D | N ₂ O | |
| Cor | rrect Ans: D | |

| A | Chandra Taal |
|---|--------------|
| в | Naini Lake |
| с | Pushkar Lake |
| D | Dal lake |

<u>Itemcode</u> : **TP1074 Q74:** The CPCB works under which ministry ?

| A | MoH&UA |
|-----|---------------------------|
| в | MoEF&CC |
| С | MoRD |
| D | None of the other options |
| Cor | rrect Ans: B |

Q75: The Water (Prevention and Control of Pollution) Act in India was enacted in which year ?

| A | 1972 |
|-----|--------------|
| в | 1974 |
| с | 1976 |
| D | 1978 |
| Cor | rrect Ans: B |

Itemcode : TP1076

| Q7 | 6: The Air (Prevention and Control of Pollution) Act, in India was enacted in which year ? |
|----|--|
| A | 1977 |
| в | 1979 |
| с | 1981 |
| D | 1983 |
| Co | rrect Ans: C |

Itemcode : TP1077

| | 7: In Le Corbusier's Master Plan for Chandigarh, what was the residential sector size ? |
|-----|---|
| A | 800 m x 1200 m |
| в | 600 m x 1200 m |
| С | 800 m x 1600 m |
| D | 500 m x 1000 m |
| Cor | rect Ans: A |
| | |

| | <u>Itemcode</u> : TP1078 Q78: Who, among the following, popularized the terms or phrases: "social capital", "mixed primary uses", and "eyes on the street" ? | |
|----|---|--|
| Α | Peter Hall | |
| в | David Harvey | |
| С | Jane Jacobs | |
| D | Saskia Sassen. | |
| Co | Correct Ans: C | |

Itemcode : TP1079

Q79: Which of the following is not used in the 'Traffic Assignment' stage for transport planning of a city ?

| Α | Capacity restraint assignment |
|---|-------------------------------|
| | |

| в | Diversion curves | |
|---|------------------|--|
| | | |

c All or nothing procedure

Gravity model D

Correct Ans: D

Itemcode : TP1080

Q80: How many million plus UA's / cities / towns are there in India as per Census 2011 ?

A 38

| в | 45 |
|-----|--------------|
| С | 53 |
| D | 63 |
| Cor | rrect Ans: C |

| Q81: What was the estimated Gross Domestic Product (GDP) at constant prices in H.P. during 2016-17 fiscal (Base year 2011 in lakh crore rupees ? | |
|---|--------|
| A | 113.86 |
| в | 121.96 |
| с | 137.64 |
| | |

D 152.54 Correct Ans: **B**

Correct Ans.

Itemcode : TP1082

| Q8 | 2: What was contribution of the Services Sector in the economic growth of H.P. (in percentage terms) during 2016-17 financial year ? |
|-----|--|
| A | 5.9 |
| в | 12.4 |
| С | 19.8 |
| D | 44.0 |
| Cor | rrect Ans: D |

| <u>Itemcode</u> : TP1083 Q83: On which stream will the proposed Renukaji Dam be built ? | | |
|--|-------|--|
| A | Bata | |
| в | Tons | |
| с | Giri | |
| D | Jalal | |
| Correct Ans: C | | |

Itemcode : TP1084

Q84: How much does the H.P. Government contribute towards the subscription under the Atal Pension Yojna ?

| A | 20% of the total contribution by the subscriber |
|----------------|--|
| в | Rupees One thousand |
| с | 30% of the total contribution by the subscriber |
| D | 50% of the total contribution by the subscriber or rupees 2000, whichever is less. |
| Correct Ans: D | |

Itemcode : TP1085

 Q85: How many fair price shops are being run by the Cooperative Societies in H.P. ?

 A
 3221

 B
 3629

 C
 3740

 D
 3875

 Correct Ans: A

| Itemcode : TP1086 Q86: What percentage of total geographical area of H.P. supports forest cover ? | |
|--|------|
| A | 26.4 |
| в | 34.9 |

| с | 38.6 |
|----------------|------|
| D | 42.3 |
| Correct Ans: A | |

| | Itemcode : TP1087 Q87: How many districts of H.P. are being covered under climate change vulnerability assessment for the Beas river Basin ? | |
|----|--|--|
| A | Тwo | |
| в | Three | |
| с | Four | |
| D | Five | |
| Co | Correct Ans: C | |

| Q8 | Q88: Out of 14 Silk year reeling units which have been set up in H.P. in the private sector, how many are in Una District ? | |
|-----|---|--|
| Α | Nil | |
| в | One | |
| с | Тwo | |
| D | Three | |
| Cor | Correct Ans: B | |

| | <u>Itemcode</u> : TP1089 Q89: What is the generation capacity of Devi Kothi hydro power project ? | |
|----|--|--|
| A | 11 MW | |
| в | 13 MW | |
| С | 16 MW | |
| D | 18 MW | |
| Co | Correct Ans: C | |

Itemcode : TP1090

Q90: For which classes in H.P. the Education Department has started PRAYAS - PLUS scheme during 2017-18 ?

| A | Ist to 5th |
|-------------------|------------------|
| в | Sixth to eighth |
| с | 9th to 10th |
| D | All of the above |
| Correct Ans: B | |
| | |
| Itemcode : TP1091 | |

| Q9: | Q91: How many seats did the Congress Party win during the 2018 Assembly elections in Rajasthan ? | |
|-----|---|--|
| A | 98 | |
| в | 99 | |
| С | 100 | |
| D | 101 | |
| Cor | Correct Ans: B | |

Itemcode : TP1092

Q92: Whose birth anniversary is celebrated as National Youth Day in India ?

- A Swami Daya Nanda Saraswati
- B Shaheed Bhagat Singh
- c Subash Chandra Bose
- D Swami Viveka Nanda

Correct Ans: D

Itemcode : TP1093

| Q93: Minimum age for becoming a member of Rajya Sabha (in India) is | | |
|---|----------|--|
| Α | 25 Years | |
| в | 30 Years | |
| с | 35 Years | |
| D | 40 Years | |
| Correct Ans: B | | |

Itemcode : TP1094

Q94: Who has been chosen as the General President for the 107th Indian Science Congress to be held in 2020 ?

| A | Ashok Mittal |
|---|-------------------|
| в | Manoj Chakrabarty |
| С | K.S. Rangappa |
| D | R. Ramanan |

Correct Ans: C

Itemcode : TP1095

 $\ensuremath{\textbf{Q95:}}$ In which State of India were nearly 15 miner's trapped in a coal mine in December, 2018 ?

| A | Manipur | | |
|-----|----------------|--|--|
| в | Mizoram | | |
| с | Tripura | | |
| D | Meghalaya | | |
| Cor | Correct Ans: D | | |

| Iter | temcode : TP1096 | | |
|------|--|--|--|
| Q9 | Q96: How many Emirates are there in United Arab Emirates (UAE) ? | | |
| A | Six | | |
| в | Seven | | |
| с | Eight | | |
| D | Nine | | |
| Coi | Correct Ans: B | | |

Itemcode : TP1097

| Q97: With whom did Arthur Ashkin share the 2018 Nobel Prize for Physics ? | | |
|---|-------------------------------------|--|
| A | Gerard Mourou and George Smith | |
| в | Gregory Winter and Donna Strickland | |
| С | Denis Mukwego and Gregory Winter | |
| D | Gerard Mourou and Donna strickland | |
| Correct Ans: D | | |

Itemcode : TP1098

 Q98: Which Swiss canton banned burqua in September, 2018

 A
 St. Gallen

 B
 Ticino

 C
 Berne

 D
 Fribourg

 Correct Ans: A

Itemcode : TP1099

| Q9 | Q99: Who became the Head of Interpol after Meng Hongwei of China ? | | |
|---|--|--|--|
| A | Park geun-hye | | |
| в | Chung Hong-Won | | |
| С | Kim Jong-Yang | | |
| D | Pak Pong-Ju | | |
| Cor | Correct Ans: C | | |
| Q100: In which city is the office of World Scouts Bureau ? | | | |
| Itemcode : TP1100 Q100: In which city is the office of World Scouts Bureau ? | | | |
| Α | Brussels | | |
| в | Geneva | | |
| С | Paris | | |
| D | Rome | | |
| Correct Ans: B | | | |