| Itemcode : AT1001 |  |
| :--- | :--- |
| Q1: $\quad$ According to 74th CAA under 12th schedule, how many functions are assigned to ULBs? |  |
| A | 18 |
| B | 19 |
| C | 20 |
| D | 21 |
| Correct Ans: $\mathbf{A}$ |  |


| Itemcode: $:$ AT1002 <br> Q2: <br> A 'cul-de-sac' is a street where: <br> A Only two-wheelers are permitted |  |
| :--- | :--- |
| B | Through traffic is discouraged |
| C | Pedestrians are not permitted |
| $\mathbf{D}$ | Vehicles are permitted to move in one direction only |
| Correct Ans: B |  |


| Itemcode : AT1003 <br> Q3: <br> The ideal cross-section of a combined sewerage system for significant variation in flow is: <br> A Circular |  |
| :--- | :--- |
| B | Semi-elliptical |
| C | Egg-shaped |
| $\mathbf{D}$ | Horse-shoe shaped |
| Correct Ans: $\mathbf{C}$ |  |


| $\|$Itemcode : AT1004 <br> Q4: <br> Q 'Brown-field site' is the site where: <br> A <br> the land is previously developed, excluding mineral workings or other temporary uses <br> B Farmland and open areas where there has been no residential, commercial or industrial activity. |
| :--- |
| C |
| area of land separating certain type of development from adjoining sensitive land uses often used in relation to minerals and/or <br> waste development |
| D |
| an area dominated with similar plant species and ecological community extending over the same physiographic region |
| Correct Ans: A |


| Qtemcode : AT1005 <br> Q5: <br> A Street, which serves or is designed to serve as a traffic way for a neighborhood or as a feeder to a major roadway: <br> A <br> Sub arterial road <br> B Arterial road |  |
| :--- | :--- |
| C | Collector Road |
| D | Local Road |
| Correct Ans: $\mathbf{C}$ |  |


| Itemcode : AT1006 |  |
| :---: | :---: |
| Q6: A city with 100 ha area and 10,000 Dwelling Units (DU) and 5 household size (HH), will have a residential density of: |  |
| A | 50 persons/ha |
| B | 1/500 persons/ha |
| C | 500 persons/ha |
| D | None of the above |
| Correct Ans: C |  |


| Itemcode : AT1007 <br> Q7: |  |
| :--- | :--- |
| The climate of the land surface, extending no more than a few meters above ground and strongly influenced by 'its material, |  |
| morphological and organic components' |  |$|$| A | Biome |
| :--- | :--- |
| $\mathbf{B}$ | Ecosystem |
| $\mathbf{C}$ | Micro-climate |
| $\mathbf{D}$ | Local-climate |
| Correct Ans: $\mathbf{C}$ |  |


| Itemcode : AT1008 <br> Q8:$\quad$An assessment of the potential impacts of policies and proposals on the environment, to include proposals for the mitigation <br> of impacts |  |
| :--- | :--- |
| A | Social Impact Assessment |
| B | Environmental Impact Assessment |
| C | Strategic Environmental Assessment |
| D | None of the above |
| Correct Ans: $\mathbf{C}$ |  |


| Q9: $\quad$What is ' $W$ ' is the following equation: CS- Consumer Surplus, PS- Producer Surplus <br> W +CS  <br> A Marginal Revenue <br> B Welfare of Society <br> C External Cost <br> D Pascal's Wager <br> Correct Ans: B  |  |
| :--- | :--- |


| Itemcode : AT1010 |  |
| :--- | :--- |
| Q10: $\quad$ The relationship between shape of the population distribution and the sampling distribution of the mean is known as: |  |
| A | Central limit theorem |
| B | Central Place Theorem |
| C | Level of Significance |
| D | Coefficient of Determination |
| Correct Ans: A |  |


| Itemcode : AT1011 |
| :--- |
| Q11: As per World Happiness Report by United Nations (2017), country tops the Gross National Happiness Index: |
| A |
| Switzerland |
| B |
| Denmark |
| C |
| Bhutan |
| D |
| Norway |
| Correct Ans: $\mathbf{D}$ |


| Itemcode : AT1012 |  |
| :--- | :--- |
| Q12: $\quad$ A wind rose diagram defines the: |  |
| A | Wind direction, speed and duration grouped in sixteen categories |
| $\mathbf{B}$ | Wind direction and speed grouped in sixteen categories |
| $\mathbf{C}$ | Wind direction, speed and duration grouped in twelve categories |
| $\mathbf{D}$ | Wind direction and speed grouped in twelve categories |
| Correct Ans: A |  |


| Q13: $\quad$ Method/s not used to predict the trips- |  |
| :--- | :--- |
| A | Traffic Assignment |
| B | Growth factor |
| C | Regression analysis |
| $\mathbf{D}$ | B \& C |
| Correct Ans: $\mathbf{A}$ |  |


| Itemcode : AT1014 <br> Q14: <br> Who is known as the "master builder" of mid 20th New York City? <br> A <br> Jane Jacobs <br> B Robert Moses |  |
| :--- | :--- |
| C | Oscar Niemeyer |
| D | Frei Otto |
| Correct Ans: $\mathbf{B}$ |  |


| $\|l\|$ <br> Qtemcode : AT1015 <br> Q15: <br> A |  |
| :--- | :--- |
| Global Positioning System(GPS) |  |
| B | Indian Regional Navigation Satellite System (IRNSS) |
| C | Differential Global Positional System (DGPS) |
| $\mathbf{D}$ | Geographical Information System (GIS) |
| Correct Ans: C |  |


| Qtemcode : AT1016  <br> Q16:  <br> What does PERT stand for?  <br> A  Programmme Evaluation and Revision Technique |  |
| :--- | :--- |
| B | Progress Evaluation and Revision Technique |
| C | Programme Evaluation and Review Technique |
| D | Proposal for Environment and Review Technique |
| Correct Ans: C |  |


| Itemcode : AT1017 |  |
| :--- | :--- |
| Q17: | Which of the following satellite sensors have the best spatial resolution in visible range (VIS): |
| A | SPOT |
| B | IKONOS |
| C | CARTOSAT-2 |
| D | Worldview-3 |
| Correct Ans: $\mathbf{D}$ |  |


| Itemcode : AT1018 <br> Q18: <br> With about <br> kilowatt-hrs(kWh) per year. |  |
| :--- | :--- |
| A | 325 |
| B | 300 |
| C | 315 |
| D | 310 |
| Correct Ans: $\mathbf{B}$ |  |

## Itemcode : AT1019

Q19: The application platform developed by Indian Space Research Organization (ISRO) allowing representation of Earth's surface like Google Earth is called:

|  |  |
| :--- | :--- |
| $\mathbf{A}$ | IRNSS |
| $\mathbf{B}$ | Bhuvan |
| $\mathbf{C}$ | Bing Map |
| $\mathbf{D}$ | Open Street Map |
| Correct Ans: $\mathbf{B}$ |  |


| Itemcode : AT1020 <br> Q20: <br> Which of the following is a method of delineation of a formal region: <br> A Weighted Index Number Method |  |
| :--- | :--- |
| B | Factor Analysis Method |
| C | None of the above |
| D | Both A and B |
| Correct Ans: $\mathbf{D}$ |  |


| Itemcode: AT1021 |  |
| :--- | :--- |
| Q21: Which of the following is not a survey technique: |  |
| A | Total Station |
| B | Reconaissance |
| C | Remote Sensing |
| D | GPS Survey |
| Correct Ans: $\mathbf{C}$ |  |


| Itemcode: $\mathbf{A T 1 0 2 2}$ |  |
| :--- | :--- |
| Q22: $\quad$ Ecumenopolis means: |  |
| A | City of the dead |
| B | A fortified city |
| C | A capital city of a country |
| D | A city made of whole world |
| Correct Ans: $\mathbf{D}$ |  |



A Charge Transportation Model
B Land-use Transportation Model
C Transport Demand Model
D Urban Transportation Modelling System
Correct Ans: D

| Itemcode: AT1024 |  |
| :--- | :--- |
| Q24: What is the urban-rural distribution of population of India (as per Census 2011)? |  |
| A | $31.16 \%$ and $68.84 \%$ |
| B | $27.81 \%$ and $72.19 \%$ |
| C | $32.26 \%$ and $67.74 \%$ |
| D | $30.82 \%$ and $69.18 \%$ |
| Correct Ans: A |  |


| Itemcode : AT1025 <br> Q25: $\quad$ Which is the largest slum in the world? <br> A <br> Khayelitsha in Cape Town (South Africa) <br> B Kibera in Nairobi (Kenya) |
| :--- |
| C | Neza (Mexico) $\quad$| D | Dharavi in Mumbai (India) |
| :--- | :--- |
| Correct Ans: C |  |

Itemcode : AT1026
Q26: In budget 2018, which of the following proposed to initiate a national program on Artificial Intelligence (AI) and centres of
excellence will be set up on robotics, AI, Internet of things etc.
A $\quad$ Department of Defense
B Robotics society of India
C Department of Scientific and Industrial Research
D NITI Aayog
Correct Ans: D
Itemcode : AT1027
Q27: Intermediate transfer station relates to
A $\quad$ Bus Transit
B Solid Waste Management
C Industrial system
D Land-cover Management
Correct Ans: B
Itemcode : AT1028
Q28: Rank-Size Rule pertains to

| A | Population size |
| :--- | :--- |
| B | Infrastructure levels |

C Employment generation
D Level of satisfaction

Correct Ans: A

| Itemcode: AT1029 |  |
| :--- | :--- |
| Q29: Likert scale is used for scaling |  |
| A | responses |
| B | facilities |
| C | employment |
| D | population |
| Correct Ans: A |  |


| A | Indian Urban Infrastructure and services |
| :--- | :--- |
| $\mathbf{B}$ | Indian Employment scenario |
| $\mathbf{C}$ | Indian Economic scenario |
| $\mathbf{D}$ | Indian population problems |
| Correct Ans: A |  |

```
Itemcode : AT1031
Q31: Topographic maps provides information on
    i. elevation
    ii. roads
    iii. rivers
    iv. buildings
```

A $\quad$ i \& ii
B $\quad$ i \& iii
c ii, iii \& iv
D All of the above
Correct Ans: D

| Itemcode : AT1032 <br> Q32: <br> Delphi is a |  |
| :--- | :--- |
| A | Perception of respondents |
| B | Study technique of natural resources |
| C | Forecasting method based on experts' opinion |
| D | Technique of assessment of ecosystem resources |
| Correct Ans: C |  |


| Itemcode : AT1033 <br> Q33: <br> Transfer of Development Right (TDR) is a tool used for <br> A Power with government to change direction of development |  |
| :--- | :--- |
| B | System to transfer ownership of land |
| C | voluntary, incentive- based program that allows landowners to sell development rights |
| D | Right of an individual to decide about development |
| Correct Ans: C |  |


| Itemcode : AT1034 |
| :--- |
| Q34: SDG 11 pertains to |
| A |
| Affordable and Clean Energy |
| B | Climate Action $\quad$| C | Clean water and Sanitation |
| :--- | :--- |
| $\mathbf{D}$ | Sustainable Cities and Communities |
| Correct Ans: $\mathbf{D}$ |  |


| Itemcode : AT1035 <br> Q35: <br> Shannon's Diversity Index primarily characterizes <br> A species diversity in a community |  |
| :--- | :--- |
| B | social segregation |
| C | spatial fragmentation |
| D | literacy variability in the community |
| Correct Ans: A |  |

```
Itemcode : AT1036
```

Q36: Approaches suggested by Government of India in Smart City Mission are :
i. Retrofitting
ii. Redevelopment
iii. Greenfield development
iv. Pan-city development

| A | i \& ii |
| :--- | :--- |
| B | i, ii \& iii |
| $\mathbf{C}$ | ii \& iii |
| $\mathbf{D}$ | All of the above |
| Correct Ans: $\mathbf{D}$ |  |


| Itemcode: AT1037 |  |
| :--- | :--- |
| Q37: 'Brutland Report' has coined following term |  |
| A | Resilience |
| $\mathbf{B}$ | Ecology |
| $\mathbf{C}$ | Sustainability |
| $\mathbf{D}$ | Environment |
| Correct Ans: $\mathbf{C}$ |  |


| Itemcode : AT1038 |  |
| :---: | :---: |
| Q38: Sequentially arrange the following as per four stage model for transportation planning <br> i. Trip generation <br> ii. Mode choice <br> iii. Trip distribution <br> iv. Route choice |  |
| A | i, ii, iii,iv |
| B | i, iii, ii,iv |
| C | i,iv, ii, iii |
| D | i, iii, iv, ii |
|  | rect Ans: B |


| Itemcode : AT1039  <br> Q39: Traffic calming measures are <br> i. Speed Table  <br> ii. Pedestrian refuges  <br> iii. Boom barrier  <br> iv. Chicanes  |  |
| :--- | :--- |
| A | i \& ii |
| B | i, ii \& iii |
| C | ii \& iii |
| D | All of the above |
| Correct Ans: D |  |

```
Itemcode : AT1040
Q40: 'Overshoot day'
    i. Ecological Debt day
    ii. Date on which Humanity's resource consumption for the year exceeds Earth's capacity to regenerate resources
    iii. Day on which city exceeds its carrying capacity
    iv. Day celebrated annually on 22nd April
```

A i \& ii
B $\quad$ ii \& iv
C ii \& iii
D $\quad$ iii \& iv
Correct Ans: A

Q41: 'Trade-off' principally means
A a balance between two desirable but incompatible features
B a balance between multiple features
C profitable option between two choices
D profitable option between many choices
Correct Ans: A

## Itemcode : AT1042

Q42: The best location for laying of main sewer line on a flat land is
A Under the road
B Under the sidewalk
C Under the central verge
D Under the open space along sidewalk
Correct Ans: A

## Itemcode : AT1043

Q43: As per NUIS- National remote Sensing Centre, which of the following is most appropriate match

| No. | I | No. | II |
| :--- | :--- | :--- | :--- |
| A | Regional Plan | i | $1: 10,000$ |
| B | Development Plan | ii | $1: 50,000$ |
| C | Sub-Regional Plan | iii | $1: 2000$ |
| D | Zonal Plan | iv | $1: 25,000$ |
|  |  | v | $1: 1,00,000$ |

A $\quad$ A-v, B-ii,C-iii,D-iv
B A-ii,B-i,C-iv,D-iii
c A-ii,B-iv,C-i,D-ii
D $\mathrm{A}-\mathrm{v}, \mathrm{B}-\mathrm{i}, \mathrm{C}-\mathrm{iv}, \mathrm{D}-\mathrm{iii}$
Correct Ans: B

| Itemcode : AT1044Q44: Match the schemes with the specific target |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | No. | I | No. | II |
|  | A | HRIDAY | i | Urban Development Program For North East Region |
|  | B | AMRUT | ii | Urban Poor_ basic services |
|  | C | NERUDP | iii | City Augmentation and Heritage development |
|  | D | BSUP | iv | Urban Transformation and Rejuvenation |
|  |  |  | v | Urban Livelihood |
| A | A-iii, B-iv, C-i, D-ii |  |  |  |
| B | A-ii, B-i, C-iv, D-v |  |  |  |
| C | A-ii, B-iv, C-i, D-iii |  |  |  |
| D | A-v, B-i, C-iv, D-iii |  |  |  |
| Correct Ans: A |  |  |  |  |

```
Itemcode : AT1045
Q45: 'Tragedy of commons' refers to
A Deficit of services
B Low quality of services
```

| $\mathbf{C}$ | Misuse of natural resources |
| :--- | :--- |
| $\mathbf{D}$ | Dis-balance of natural resources |
| Correct Ans: $\mathbf{C}$ |  |


| Itemcode: AT1046 |  |
| :--- | :--- |
| Q46: | URDPFI guidelines considers |
|  | i. Participatory consultative approach |
|  | ii. Plan preparation |
|  | iii. Implementation process |
| iv. Resource mobilization |  |

A ii \& iii
B $\quad$ i, ii \& iii
C ii, iii \& iv
D All of the above
Correct Ans: D

| Itemcode : AT1047 |  |
| :--- | :--- |
| Q47: 'August Losch' location theory of centrality refers to |  |
| A | Real Estate Planning |
| B | Location of market places |
| C | Location of settlements |
| $\mathbf{D}$ | Location of economic activities |
| Correct Ans: $\mathbf{D}$ |  |


| Itemcode : AT1048 |
| :--- |
| Q48: $\quad$ Geddian Triangle is based on |
| A |
| Environment approach |
| B |
| Social approach |
| C |
| Capitalist approach |
| D |
| Political approach |
| Correct Ans: $\mathbf{B}$ |

```
Itemcode : AT1049
Q49: Abraham Maslow's 'hierarchy of need' does not consider
    i. Self-actualisation
    ii. Psychological
    iii. Self-Esteem
    iv. Belonging
```

A $\quad$ i \& ii
B $\quad$ ii \& iii
C $\quad$ i, ii \& iii
D None of the above

Correct Ans: D

| Itemcode : AT1050 <br> Q50: <br> Herbert-Simon's Decision making model considers <br> i. Intelligence <br> ii. Design <br> iii. Choice <br> iv. stakeholders |  |
| :--- | :--- |
| A | i \& ii |
| B | ii \& iii |
| C | i, ii \& iii |
| D | All of the above |

Correct Ans: C

| Itemcode : AT1051 |  |
| :--- | :--- |
| Q51: In GIS, DEM represents information on |  |
| A | Geology |
| $\mathbf{B}$ | Topography |
| $\mathbf{C}$ | Land-cover |
| $\mathbf{D}$ | Hydrology |
| Correct Ans: B |  |

## Itemcode : AT1052

Q52: The distance between two points on a map of scale $1: 40,000$ is 3.6 cm . The distance between the same two points in an aerial photograph is 6.00 cm . The scale of the aerial photograph is

A $1: 12000$
B $1: 24000$
C $1: 120000$
D 1:240000
Correct Ans: B

| Itemcode : AT1053 |  |
| :--- | :--- |
| Q53: Basic elements of Ekistics are |  |
| $\mathbf{A}$ | Community, Land, Shell, Network, Society |
| $\mathbf{B}$ | Society, Nature, Man, Shell, Network |
| $\mathbf{C}$ | Landscape, utilities, society, transport, habitat |
| $\mathbf{D}$ | Nature, community, Habitat, utility, network |
| Correct Ans: B |  |


| Itemcode : AT1054 |  |
| :---: | :---: |
| Q54: Transforming our world: the 2030 Agenda for Sustainable Development, will stimulate action over <br> i. People <br> ii. Planet <br> iii. Prosperity <br> iv. Peace \& Partnership |  |
| A | i \& ii |
| B | iii \& iv |
| C | i, ii \& iv |
| D | All of the above |
| Correct Ans: D |  |

Itemcode : AT1055
Q55: Match the following

| No. | I | No. | II |
| :--- | :--- | :--- | :--- |
| A | Land Pooling | i | Standard and timely delivering of services |
| B | Citizen charter | ii | Assembling privately owned land parcels for development |
| C | Easement Right | iii | Sharing land for mutual benefits |
| D | TDR | iv | use and enter into the property of another without <br> possessing it |
|  |  | v | Incentive based voluntary transferring of FAR of a plot to <br> another plot |

A $\quad$ A-iii, B-ii, C-iv, D-i
B A-ii, B-iv, C-i, D-v

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

Itemcode : AT1056
Q56: Match Planning task and their tool of Analysis

| No. | I | No. | II |
| :--- | :--- | :--- | :--- |
| A | Population projection | i | Hardy Cross method |
| B | Water distribution network | ii | Cohort method |
| C | Trip distribution | iii | SLEUTH |
| D | Urban Growth | iv | Gravity model |
|  |  | v | AHP |

A A-iii, B-ii, C-iv, D-i
B A-ii, B-iv, C-i, D-v
C A-ii, B-i, C-iv, D-iii
D A-iii, B-i, C-iv, D-v
Correct Ans: C

| Itemcode : AT1057 |
| :--- |
| Q57: Which of the following is not a stated objective of the HRIDAY scheme of Government of India? |
| A |
| Planning, development and implementation of heritage sensitive infrastructure; |
| B |
| Development and promotion of core tangible economic activities to enhance avenues of livelihoods amongst stakeholders which <br> would also include necessary skill development, making public spaces accessible and developing cultural spaces; |
| C |
| Making cities informative with use of modern ICT tools and making cities secure with modern surveillance and security <br> apparatus like CCTV etc.; |
| D |
| Establish a system for maintaining of parks, playground and recreational areas relying on People Public Private Partnership <br> (PPPP) mode. |
| Correct Ans: D |

## Itemcode : AT1058

Q58: In the context of Smart City Mission in India and the 'Placemaking Project Guidelines', which of the following may be considered as Place-making principle(s)?
A Triangulation [of amenities],
B Image \& Identity,
C Power of 10
D All of the above/ options.
Correct Ans: D

## Itemcode : AT1059

Q59: Concept of Smart city varies globally. Cities are ranked for smartness in European Union based on six overall characteristics. Which of the following is / are included in these characteristics?

A Smart Economy
B Smart People
C Both the options of A \& B
D None of the other options
Correct Ans: C

| Itemcode : AT1060 |  |
| :--- | :--- |
| Q60: In case of AMRUT Mission, ' $\mathrm{R}^{\prime}$ ' stands for: |  |
| A | Rejuvenation |
| B | Redevelopment |
| C | Revitalization |


| $\mathbf{D}$ | Renewal |
| :--- | :--- |
| Correct Ans: $\mathbf{A}$ |  |


| Itemcode : AT1061 <br> Q61: <br> In the context of PMAY-Housing for All (Urban), which of the following is a Central Sector Scheme? <br> A <br> In-situ Rehabilitation <br> B Credit Linked Subsidy |  |
| :--- | :--- |
| C | Affordable Housing in Partnership |
| D | Subsidy for Beneficiary-led individual house construction/ enhancement |
| Correct Ans: B |  |


| Itemcode : AT1062 <br> Q62: <br> Which of the following is/ are required to be prepared under SBM (Urban)? <br> A City sanitation plans |  |
| :--- | :--- |
| B | State Sanitation strategy |
| C | Both of the options of (A) \& (B) |
| D | None of the other options. |
| Correct Ans: $\mathbf{C}$ |  |

## Itemcode : AT1063

Q63: The 74th Amendment Act to the Constitution of India provides for constitution of 3 types of institutions of self-governance. Such an institution/ local body for an area in transition from rural to urban area is:

| A | Zilla Parishad |
| :--- | :--- |
| B | Metropolitan Planning Committee |
|  |  |

c Nagar Panchayat
D Municipal Council
Correct Ans: C

| Itemcode : AT1064 |  |
| :--- | :--- |
| Q64: In which part of the Indian Constitution, the term 'spatial planning' is mentioned? |  |
| A | Part IX (Panchayats) |
| B | Part IX A (Municipalities) |
| C | Twelfth Schedule |
| D | State List in the Seventh Schedule |
| Correct Ans: $\mathbf{B}$ |  |
| Itemcode : AT1065 <br> Q65: <br> Which principle is applied during formulation of 'Town Planning Scheme' as per the Town Planning legislation of the state <br> concerned  <br> A Land pooling and plot reconstitution <br> B Land acquisition <br> C Outright purchase of land <br> D None of the other options. <br> Correct Ans: A  |  |

## Itemcode : AT1066

Q66: Which of the following states provides for integration of District Planning Committee and Metropolitan Planning Committee with statutory planning functions of state town planning department?

| A | Kerala |
| :--- | :--- |
| B | Maharashtra |
| C | West Bengal |
| D | Haryana. |
|  |  |

```
Itemcode : AT1067
Q67: The first and only state in India to have a Department of Happiness is:
A Sikkim
B Arunachal Pradesh
c Himachal Pradesh
D Madhya Pradesh
Correct Ans: D
```

| Itemcode : AT1068 <br> Q68: |  |
| :--- | :--- |
| Aor the 'Concentric Zone Model', which of the following statement is incorrect? |  |
| B | Central business district at the centre is surrounded by factory zone; |
| Moving from to core to periphery, one would find that Factory zone is followed by the 'Transition zone' of mixed residential and |  |
| commercial uses or the zone of transition; |  |, | Moving from to core to periphery, one would find that the 'Transition zone' is followed by better quality middle-class homes |
| :--- |
| (inner suburbs) or zone of better housing; |

Itemcode : AT1069
Q69: The 'Multiple Nuclei Model', an economical model depicting land use distribution in a city in the article "The Nature of Cities"
was proposed by:
A Harris \& Ullman
B Homer Hoyt
c Burgess
D Arturo S Mata
Correct Ans: A

## Itemcode : AT1070

Q70: Which of the following is a false statement for 'Central Place Theory'?
A The theory make an assumption that all settlements are equidistant and exist in a triangular lattice pattern;
B The theory does not consider the concept of threshold or the minimum market (population or income) needed to bring about the B selling of a particular good or service
c According to the marketing principle $\mathrm{K}=3$, the market area of a higher-order place(node) occupies $1 / 3$ rd of the market area of c each of the consecutive lower size place(node) [which are 6 in total];
D According to $\mathrm{K}=4$ transport principle, the market area of a higher-order place includes half of the area of each of the six neighbouring lower-order places.

Correct Ans: B

| Qtemcode : AT1071 <br> Height allowed is '3 floors'. What is the maximum floor area (in square meters) the developer is allowed to construct?  <br> A 15000 <br> B 9000 <br> C 12000 <br> D none of the other options. <br> Correct Ans: B  |  |
| :--- | :--- |


| Itemcode : AT1072 <br> Q72: <br> How many 'Land Use Categories' at the 'Level I' have been listed under 'Simplified Urban Land use Classification' in URDPFI <br> Guidelines of MoUD, India? |  |  |
| :--- | :--- | :--- |
| A | 8 |  |
| B | 9 |  |


| $\mathbf{C}$ | 10 |
| :--- | :--- | :--- |
| $\mathbf{D}$ | 11 |
| Correct Ans: $\mathbf{C}$ |  |

## Itemcode : AT1073

Q73: Which of the following characteristics may not be linked to the approach of TOD?
A Development focused around a transit node,
B Development facilitating access to Transit facility,
C Development inducing personal mode of transport over public transportation,
D Development with balanced mix of job, housing and markets along MRTS corridors.
Correct Ans: C

```
Itemcode : AT1074
Q74: For calculation of 'Residential Density', which of the following statements is not appropriate or false?
A 'Residential Density' may be calculated as 'number of dwelling units in an area' divided by corresponding 'land area'.
B For the case of 'NET residential density', 'land area' includes the sum total of area of residential plots only.
c For the case of 'GROSS residential density', 'land area' includes the area of residential streets, area for local parks, schools and
C other such amenities in addition to sum total of area of residential plots.
D For the case of 'URBAN or TOWN residential density', 'land area' includes the whole of the land area within the municipal
administrative boundary.
Correct Ans: B
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| Itemcode : AT1075 <br> Q75: <br> Remote Sensing techniques make use of the properties of which of the following waves either as emitted, reflected or <br> diffracted by the sensed objects? |  |
| :--- | :--- |
| $\mathbf{A}$ | Electromagnetic waves |
| $\mathbf{B}$ | Electrical waves |
| C | Gravity waves |
| $\mathbf{D}$ | Wind waves |
| Correct Ans: A |  |
| Itemcode : AT1076 |  |
| Q76: 'Trip Distribution' activity in transport planning for a city may use which of the following? |  |
| A | Gravity model |
| $\mathbf{B}$ | Opportunity model (intervening or competing opportunities) |
| C | Both of the earlier options of (A) and (B), |
| $\mathbf{D}$ | None of the other options |
| Correct Ans: C |  |


| Itemcode : AT1077 |  |
| :--- | :--- | :--- |
| Q77: As per the Census 2011, 'Mega Cities' are the cities/UA's having population more than: |  |
| A | 1 million |
| B | 5 million |
| C | 10 million |
| D | None of the earlier options |
| Correct Ans: $\mathbf{C}$ |  |


| Itemcode : AT1078 |
| :--- |
| Q78: In a District Census Handbook for a district, which Table in the Section II gives information about the details of number of <br> dwelling units occupied by households in the district? |
| A |
| Table- 1 |


| $\mathbf{C}$ | Table- 5 |
| :--- | :--- |
| $\mathbf{D}$ | Table- 7 |
| Correct Ans: A |  |


| Itemcode : AT1079 <br> Q79: <br> As per the URDPFI Guidelines, which of the following attribute is not a characteristic of a 'Green City'? <br> A Habitat Prevention and Restoration |  |
| :--- | :--- |
| B | Energy Efficiency |
| C | Waste Management |
| D | High Speed Automobile Lanes |
| Correct Ans: $\mathbf{D}$ |  |


| Qtemcode: : AT1080 <br> Q80: <br> A 33 |  |
| :--- | :--- |
| B | 35 |
| C | 36 |
| D | 38 |
| Correct Ans: C |  |


| Itemcode : AT1081 <br> Q81: <br> How many public representatives were nominated to the Advisory Council formed in 1948 to advise the chief Commissioner <br> in H.P. |  |
| :--- | :--- |
| A | Nil |
| B | Three |
| C | Five |
| D | Six |
| Correct Ans: $\mathbf{D}$ |  |


| Itemcode : AT1082 |  |
| :--- | :--- |
| Q82: Which of the following is NOT covered under the H.P. Government's weather based crop insurance scheme ? |  |
| A | Tomato |
| B | Mushroom |
| C | Ginger |
| D | Potato |
| Correct Ans: $\mathbf{B}$ |  |


| Itemcode: AT1083 |
| :--- |
| Q83: Who won the 2017 H.P. Vidhan Sabha election by highest victory margin ? |
| A |
| Jai Ram Thakur (Seraj) |
| B |
| Narinder Thakur (Hamirpur) |
| C |
| Vinod Kumar (Nachan) |
| Suresh Bhardwaj (Shimla) |
| Correct Ans: C |


| Itemcode : AT1084 <br> Q84: $\mathbf{A m o n g}$ the National Bravery Awards 2017 given to children on the eve of 2018 Republic Day, how many were given to girls? |  |
| :--- | :--- |
| A | Three |
| B | Five |
| C | Seven |
| D | Nine |


| Itemcode : AT1085 |  |
| :--- | :--- |
| Q85: Who is the Prime Minster of Vietnam? |  |
| A | Prayuth Chan-Ocha |
| B | Nguyen Xuan Phuc |
| C | Hun Sen |
| $\mathbf{D}$ | Nazib Razak |
| Correct Ans: B |  |

Itemcode : AT1086
Q86: Among the Emerging economies of the world what is India's rank in the World Economic Forum Report in January, 2018 at
Davos ?
A 40 th
B 47th
C 56th
D 62nd
Correct Ans: D

| Itemcode: AT1087 |  |
| :--- | :--- |
| Q87: Which city of the world is called Forbidden city ? |  |
| A | Bahrain |
| B | Jakarta |
| C | Lhasa |
| D | Manila |
| Correct Ans: $\mathbf{C}$ |  |


| Itemcode : AT1088  <br> Q88: Which Himachali has found a place in Calendar 2018 of W.H.O. ?  <br> A Aanchal Thakur <br> B Geeta Verma <br> C Varinder <br> D Pratibha Jamwal <br> Correct Ans: B  |
| :--- | :--- |


| Itemcode : AT1089  <br> Q89: $\quad$ Which goddess is worshipped during chhitrari Jatra of Chamba District of H.P. ?  <br> A Sheetla <br> B Lakhashna <br> C Shakti <br> D Shari <br> Correct Ans: $\mathbf{C}$  |
| :--- | :--- |


| Itemcode : AT1090 |  |
| :--- | :--- |
| Q90: Who assumed the office of Chairman of H.P. Territorial Council in 1957 ? |  |
| A | Dr. Y.S. Parmar |
| B | Thakur Karam Singh |
| C | Jaiwant Ram |
| D | Shiva Nand Ramaul |
| Correct Ans: B |  |


| Itemcode : AT1091 |  |
| :--- | :--- |
| Q91: In which district of H.P. is Lippa Asrang sanctuary ? |  |
| A | Kinnaur |
| B | Lahaul Spiti |
| C | Chamba |
| D | Solan |
| Correct Ans: A |  |


| Itemcode : AT1092 |  |
| :--- | :--- |
| Q92: $\quad$ Which one of the following is NOT included in HPMC's up-grading of its packing houses ? |  |
| A | Jarol -Tikkar |
| B | Gumma |
| C | Kupri-Melthi |
| D | Oddi |
| Correct Ans: $\mathbf{C}$ |  |


| Itemcode : AT1093 |  |
| :--- | :--- |
| Q93: Who won the 2017 H.P. Vidhan Sabha election by lowest victory margin ? |  |
| A | Rajiv Saijal (Kasauli) |
| B | Inder Dutt Lakhanpal (Barsar) |
| C | Dhani Ram Shandil (Solan) |
| D | Jagat Singh Negi (Kinnaur) |
| Correct Ans: D |  |

## Itemcode : AT1094

Q94: Who among the following has been selected under UDAN-II to operate low-cost air connectivity to some select places / destinations in H.P. ?

| A | Spice - Jet |
| :--- | :--- |
| B | Indi - Go |
| C | Pawan Hans |
| D | Alliance Air |
| Correct Ans: C |  |


| Itemcode: AT1095 |  |
| :--- | :--- |
| Q95: With which game is Durand cup associated ? |  |
| A | Football |
| B | Cricket |
| C | Hockey |
| D | Tennis |
| Correct Ans: A |  |


| Itemcode : AT1096 |  |
| :--- | :--- |
| Q96: Who is the Chairman of 15th Finance Commission ? |  |
| A | Shaktikanta Das |
| B | Ashok Lahiri |
| C | Anoop Singh |
| D | N.K. Singh |
| Correct Ans: $\mathbf{D}$ |  |

Q97: Who won the 2017 Nobel prize for literature ?

| A | Richard H. Thaler |
| :--- | :--- |
| B | Michael W. Young |
| $\mathbf{C}$ | Kazuo Ishiguro |
| D | Kip S. Thorne |
| Correct Ans: $\mathbf{C}$ |  |


| Itemcode : AT1098 |  |
| :--- | :--- |
| Q98: $\quad$ Which country is called the land of Midnight Sun ? |  |
| A | Norway |
| B | Finland |
| C | Sweden |
| D | Denmark |
| Correct Ans: A |  |


| Itemcode : AT1099 <br> Q99: <br> What was the venue of 12th East Asia Summit held in November, 2017 <br> A Ho Chi Minh city |  |
| :--- | :--- |
| B | Manila |
| C | Tokyo |
| D | Jakarta |
| Correct Ans: B |  |


| Itemcode : AT1100 <br> Q100: With which activity is Yeshi Dhoden, who got Padma Shri on the eve of 2018 Republic Day, associated ? <br> A Plastic roadmaking |  |
| :--- | :--- |
| B | Herbal Medicine |
| C | Classical Music |
| D | Hindi Literature |
| Correct Ans: B |  |

