



BALUCHISTAN PUBLIC SERVICE COMMISSION

MCQs Test for the Post of Assistant Director Planning (B-17)

And

Town Planning Officer (B-17)

in the Urban Planning & Development Department.

Colour of Sheet:

GREEN

3rd February, 2025

- 1) Remote sensing is the art and science of making measurements of the _____ using sensors on airplanes or satellites
a) earth b) space c) atmosphere d) none of these
- 2) Please select the correct statement _____.
a) Large scale maps show a small area of the earth in considerable detail. b) Large scale maps show a large area of the earth in considerable detail. c) Large scale maps show a large area of the earth as a general overview. d) none of these.
- 3) The scale of 1 inch = 1 mile is equivalent to the ratio scale of _____.
a) 1:31,680 b) 1:63,360 c) 1:126,720 d) none of these
- 4) Mapping activity was revolutionized by using _____ to the composition of maps.
a) color schemes b) standard notations c) mathematical rules d) cardinal signs
- 5) _____ are not topographic features.
a) Forests b) Electricity lines c) Parked vehicles d) Schools
- 6) The art of arranging buildings and other structures on the land in harmony with each other is _____.
a) Master planning b) Structure Planning c) Site Planning d) none of these
- 7) The concept of Master Planning originated from _____.
a) America b) Great Britain c) Russia d) none of these
- 8) _____ is the estimation of number and type of trips.
a) Demand analysis b) Traffic performance analysis c) Capacity analysis d) None of these
- 9) Sight distance is mainly determined through the _____ of the road to be constructed.
a) average speed b) travel speed c) design speed d) travel distance
- 10) _____ is urban public transport similar to a tramway, but operating at a higher capacity, and often on an exclusive right-of-way.
a) Bus Rapid Transit b) Rapid Rail Transit c) Light Rail Transit d) none of these
- 11) The _____ is hard-standing area where aircrafts are parked for enplane/ deplane of passengers, loading/unloading of cargo and fueling purposes.
a) Taxiway b) Apron c) Hanger d) Gate
- 12) ITS stands for _____ in transportation planning.
a) Information Technology System b) Ideal Transport System c) Intelligent Transport System d) Intelligent Transport Solution
- 13) A planning process is cyclic in nature means _____.
a) it contains continuing studies b) it is accepted by the concerned circles of the community c) it contains bicycle planning d) none of these

- 14) The planning standards/ guidelines which deal with the requirement of providing educational facilities e.g. a primary school for a threshold number of population are mainly based on _____.
a) accessibility criteria b) locational criteria c) distance criteria d) none of these
- 15) While constructing the drainage channels along the highways, the grades for backslopes are kept _____ than/as that of foreslopes.
a) lower b) same c) greater d) relation cannot be established
- 16) _____ stations may have two or three lines with loops, so that when one train is standing on loop, the other train in same or opposite direction, which has not to stop at this section, can cross it.
a) Halt b) Flag c) Junction d) Crossing
- 17) The braking distance on a leveled road with a design speed of 120 km/h is _____ meters. (Recommended AASHTO standard for coefficient of friction is 0.28)
a) 15.6 b) 21.6 c) 196.5 d) 202.5
- 18) All the following are the components of the rail except _____.
a) head b) gauge c) Foot d) web
- 19) The demolition of an existing building and its replacement by a new building is _____.
a) redevelopment b) rehabilitation c) reconstruction d) restoration
- 20) Garden City movement by Ebenezer Howard can be described by all the following concepts/ characteristics, except _____.
a) a city surrounded by green belt b) satellite town/s c) a city of finite size d) none of these
- 21) The earlier Greek cities had _____ layout pattern.
a) Rectilinear b) Circular c) radiocentric d) none of these
- 22) If average travel speed using motorized transportation modes in a city is 20 km/h, the maximum desirable size of the city as per the Edge City Concept should be around _____.
a) 150 sq. kms b) 175 sq. kms c) 200 sq. kms d) 225 sq. kms
- 23) Colour code for temporary traffic control devices is _____.
a) blue b) green c) brown d) orange
- 24) The _____ pattern is characterized by a series of cul-de-sac streets feeding onto collector streets and arterials.
a) Diamond Grid b) Stem c) Picturesque Landscape d) Star
- 25) For a given node, the _____ corresponds to a sub-graph where only its adjacent neighbors and their mutual links are included.
a) nodal region b) hierarchy c) ego network d) level of service
- 26) The physical feature of _____ is not included in the preparation of a Base Map needed for the preparation of a Master Plan.
a) Built-up area b) Road network c) Parked vehicles d) Important landmarks
- 27) In the 20th century, cities grew dramatically in size primarily because of _____.
a) improved road networks b) time-saving transportation modes c) behavioral change of transportation system users d) none of these
- 28) The idea of skyscrapers into city design was first introduced by _____.
a) Le Corbusier b) Lewis Mumford c) Frank Lloyd Wright d) none of these

- 29) Which of the following is least likely to be an effect of global warming _____?
- a) loss of fertile delta regions for agriculture b) change in global patterns of precipitation c) decreased rate of photosynthesis in vegetation d) none of these
- 30) The condition where the water availability in any area falls below 1000 m³/person/ year is known as _____.
- a) water risk b) water vulnerability c) water scarcity d) water stress
- 31) All the following are the principles of successful Community Based Natural Resources Management (CBNRM) initiatives except _____.
- a) benefits to manage the resource should exceed the costs. b) communities living with the resource should get higher benefits. c) larger groups can manage the resource better due to more participation. d) the community who lives with the resource should manage the resource.
- 32) Brownfield is an area _____.
- a) which has gone through sensitive environmental changes due to some hazardous conditions b) dominated by residential land use c) occupied by the people designated as 'brown' based on the racial features d) largely covered by Rocky Mountains with no forest cover
- 33) Non-basic activities as defined in Economic Base Theory, provide the needs of persons residing within a community's _____.
- a) economic limits b) geographic limits c) spatial extent d) networks
- 34) _____ those in which urban settlement has spread beyond the legal limits of the city _____.
- a) True-bounded cities b) Over-bounded cities c) Under-bounded cities d) none of these
- 35) The criterion of _____ cannot be used for categorizing a Region.
- a) geography b) climatic conditions c) population age d) none of these
- 36) About half of the world's population lives within _____ km of the ocean.
- a) 50 b) 100 c) 150 d) 200
- 37) Projecting future flood risks involves a great source of uncertainty mainly because _____.
- a) the (eco)system in which floods will take place is non-stationary. b) computer modelling softwares have limited capacity. c) sufficient data of past flood events is not available. d) none of these
- 38) Pakistan calls extratropical/sea storms as _____.
- a) hurricane b) cyclone c) typhoon d) tornado
- 39) IPCC is a(an) _____ body, concerned with climate change and its impacts
- a) regulatory b) advisory c) policy-making d) think tank
- 40) TOR in bidding documents stands for _____.
- a) Terms of Reference b) Tender of Reference c) Terms of Registration d) Terms of Rules
- 41) The largest sector by water usage across the world is _____.
- a) Agriculture b) industrial c) domestic d) none of these
- 42) The basic difference between slums and squatter settlements is based on _____.
- a) Environmental conditions b) Legal status of occupied land c) Income status of the residents d) None of these.

- 43) Physical plans face rapid obsolescence because of _____.
 a) exhaust of project funding b) rapid increase of population beyond the forecasts c) change in the governance setup d) none of these
- 44) All the following are important strategies to regenerate suburban areas except _____.
 a) improving transit b) encouraging investors to revitalize suburbia c) creating affordable and adaptable spaces d) none of these
- 45) The approach by which squatters are relocated to another planned settlement is _____.
 a) sites-and-services b) slum clearance c) settlement up-gradation d) rehabilitation
- 46) Climate change _____ addresses the root causes, by reducing greenhouse gas/carbon emissions.
 a) adaptation b) prevention c) mitigation d) resilience
- 47) HOPE program in the United States was the abbreviation of _____.
 a) Housing Opportunities for People Everywhere b) Housing Opportunities for Poor Everywhere c) Housing Opportunities for Public Everywhere d) Housing Opportunities for Personnel Everywhere
- 48) A polycentric region means _____.
 a) A region comprising of a megacity b) A region comprising of a megacity and a few more urban settlements c) A region comprising of almost contiguous urban settlements d) None of these
- 49) Preparing a _____ to guide future development has become a fundamental component of a master planning exercise in recent times.
 a) Vision statement b) Mission statement c) Financial statement d) None of these
- 50) A building construction in which the load transfer mechanism is dependent on columns and beams is known as _____.
 a) solid construction b) *Framed construction* c) panel construction d) folded plate construction
- 51) Each horizontal layer of bricks laid in mortar is called as _____.
 a) arises b) course c) perpend d) header
- 52) Bleeding of concrete means _____.
 a) disintegration of concrete into its ingredients b) segregation of cement particles from the concrete surface c) rising of water on top of concrete surface d) none of these.
- 53) The sequence of incremental housing development approach applied in Khuda ki Basti model was _____.
 a) Land, infrastructure, people, housing b) People, land, housing, infrastructure c) Land, infrastructure, housing, people d) Land, people, housing, infrastructure
- 54) Squarish residential plots may not be encouraged in _____ region of Pakistan.
 a) normal composite b) warm composite c) extra dry cool d) extra dry hot
- ✓ 55) In total, _____ 'five-year plans' have been presented in the history of Pakistan.
 a) 5 b) 7 c) 7 d) None of these
- 56) _____ generally, constitute the second largest land area in urban settlements located in plain areas.
 a) Residential land use b) Open spaces c) roads d) None of these

- 57) All the following are the characteristics of the post-industrial cities except _____.
 a) the rise of the gated communities and spatial segregation b) Shift towards service sector economy instead of manufacturing-based economy c) greater integration into the global economic system d) centrally located industrial activity
- 58) Road widening projects within urban areas fall within the category of _____.
 a) Supply driven solution b) Demand reduction solutions c) Nature-based solutions d) None of these
- 59) Informal third-party decision making for dispute resolution among various stakeholders for development planning exercise is known as _____.
 a) Negotiation b) Mediation c) Arbitration d) Adjudication
- 60) Followings are the characteristics of urban sprawl except _____.
 a) poor accessibility b) overloaded urban services c) poor mix of land uses d) fragmented development
- 61) For calculating the sight distances of the roads, perception delay is taken as the time _____.
 a) required to recognize a potential hazard. b) required for analytical and decision-making process c) required for actual control response d) between visibility and perception
- 62) Please select the correct statement _____.
 a) Every urban place is a city b) Every city is an urban place c) Urban and city are the same concept d) None of these
- 63) Floor Area Ratio (FAR) is the _____.
 a) Ratio of area covered by all floors of a building to uncovered plot area b) Aggregate covered area of a building divided by the total plot area c) Maximum allowable covered area at ground floor d) None of these
- 64) A City can be classified as _____.
 a) A functional region with homogeneous units b) A functional region with heterogeneous units c) A geographical region with homogeneous units d) None of these
- 65) Please select the false statement _____.
 a) According to Industrial Location Theory, the competitors, in trying to maximize sales, will seek to constrain each other's customer base territory. b) According to Industrial Location Theory, the competitors, in trying to maximize sales, will locate adjacent to one another in the middle of their collective customer base. c) According to Industrial Location Theory, the competitors, in trying to maximize sales, will locate far away to one another so they may have separate customer base. d) None of these.
- 66) The approach of selecting potential rural areas for concentrating resources in order to achieve self-sustained growth is _____.
 a) Redistribution with Growth Model b) Intensive Development Zones c) Spatial Development Initiative Program d) Integrated Rural Development Program
- 67) The issue of broken sewer lines in urban areas has to be addressed by _____.
 a) national policy planning b) regional planning c) urban planning d) rural planning

- 68) A traffic control device should not be removed from its place, if _____.
- a) the device is in good physical condition b) the need for the device persists c) some advertisement is placed/ attached to the device d) some plantation is attached to it
- 69) A process through which land parcels are redistributed to the respective former landowners according to a land use plan is _____.
- a) Land readjustment b) Land consolidation c) Land pooling d) None of these
- 70) Developing mixed-income housing is an important strategy for regenerating _____.
- a) Urban core areas b) Residential neighbourhoods c) Commercial zones d) None of these