

ARADA SUBCITY EDUCATIONAL OFFICE ADDIS ABABA
MODEL EXAMINATION FOR GRADE 12 APRIL 2016/2024
NUMBER OF QUESTIONS: 115

TIME ALLOWED: 2 HOURS

GENERAL DIRECTION

THIS BOOKLET CONTAINS A TOTAL OF 115 MULTIPLE CHOICE QUESTIONS. CAREFULLY SELECT THE BEST ANSWER AND BLACKEN ONLY THE LATTER OF YOUR CHOICE ON THE SEPARATE ANSWER SHEET PROVIDED. Follow THE INSTRUCTION ON THE ANSWER SHEET AND THE EXAMINATION PAPER CAREFULLY. Use only PENCIL TO MARK YOUR ANSWER. YOUR ANSWER MARK SHOULD BE HEAVY AND DARK, COVERING THE ANSWER SPACE COMPLETELY.

YOU ARE ALLOWED TO WORK ON THE EXAM FOR 2 HOURS. WHEN TIME IS CALLED, YOU MUST IMMEDIATELY STOP WORKING, PUT YOUR PENCIL DOWN. AND WAIT FOR FURTHER INSTRUCTIONS.

PLEASE MAKE SURE THAT YOU HAVE WRITTEN ALL THE REQUIRED INFORMATION INCLUDING YOUR NAME ON THE ANSWER SHEET BEFORE YOU START TO WORK ON THE EXAMINATION.

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO.

1. All of the following are factors for land degradation except?
 A .over grazing B. over covering
 C. over cultivation D. over Plowing
- 2, Which of the following is not problem of urbanization of developing countries?
 A, over population B. sustained growth C, poor infrastructure D. Large unemployment
3. Concept of “The world became a village” describes?
 A, Economic growth B, Urbanization C, Globalization D, population increase
- 4, Atmospheric layer that called as ozone layer is?
 A, Thermosphere B, Mesosphere C, Stratosphere D, Lithosphere
- 5, Which of the following river of Ethiopia is taken as part of Indian derange system?
 A, R.Gibe B, R. Tekeze C, R. Omo D, R. Wabishebele
- 6, ”Enset” is dominantly growing in Ethiopia’s part of:
 A, northern Ethiopia B, South-central Ethiopia C, west central Ethiopia D, eastern Ethiopia
- 7, Large number of Ethiopian lakes are found around?
 A, Haigh plateau B, Rift valley C, Lowlands D, Mountains
- 8, Xerophytes plants are plants adopted to?
 A, Savana lands B, Tropical rainforest C, Tundra climate D, Desert climate.
- 9, According to Wagner’s theory, during the carboniferous period position of Pangaea was located around?
 A, eastern part of the earth B, Western part of the earth
 C, Northern part of Ethiopia D. Southern part of the earth
- 10, Which of the following continent was part of Laureasia?
 A, Africa B, Australia C, South America D, Europe
- 11, Main source of carbon emission is ?
 A, Volcanism B, Earthquake C, Sea wave D, Burning of fossil fuel
- 12, Which of the following is anthropogenic factor for climate change?
 A, Variation in the earth’s orbit B. Volcanic eruption
 C, Land use change D, Incoming solar radiation
- 13, The primary cause of climate change over the last few decade is:
 A, Expansion of agriculture B, Urbanization C. Greenhouse gases D, Political instability

14, All of the following are external force agents Except?

A, Sea wave B, Faulting C, Folding D, Earthquake

15, which of the following landform is not found at the upper course of a river?

A, Flood plain B, Waterfall C, Interlocking spur D, Rapids

16, All of the following are characteristics of river at it's lower course, Except?

A, Decreasing it's speed

B, Increasing erosive power

C. Increasing sedimentation

D, Decreasing it's mass transportation

17, Of the following rocks ,that is highly affected by chemical weathering is?

A, Igneous rock B, Limestone C, Sandstone D, Granite

18, Central part of Ethiop's climate is mainly controlled by?

A, Longitude B, Altitude C, Distance from the sea D, Cloud cover

19, Which of the following is taken as the first environmental movement in Ethiopia?

A, Green legacy B, Project of Abera Molla

C, Lem Ethiopia D, The Green Economy Movement

20, “Green Consumerism” Or Choosing Local and organic product is related to Environmentalism movement of?

A, Free-Market environmentalists B, Popular Environmentalism

C , Preventive Environmentalism D, Radicals Environmentalism

21, The dominant erosion agent in desert area is?

A, Wind B, Glacier C, Running water D, Sea wave

22, Tension force could cause all of the following EXCEPT?

A, Interlocking spur B, Horst

C, Folding D, Cracks

23, Which of the following landform is not outcome of wind action?

A, Lose deposit B, Barchans

C, Sand dunes D, Meandering

24, Oceanic crust is mainly made up of ?

A. Granite rock

B, Sedimentary rock

C. Basalt

D. Metamorphic rock

25. The northern most extreme latitudinal value of Ethiopia is:
 A. 45 deg, B. 18 deg. C. 33 deg E D. 15 deg N
26. Which of the following vegetation type is only found in the northern hemisphere?
 A. Coniferous forest B. Grassland
 C. Rainforest D. Savana
26. Conceptual description of “Environmental problems are an inherent part of industrial capitalism and seek radical political change.” Is environmentalists of :
 A. Dark Green B. Light Green
 C. Bright Green D. Yellow Green
27. Great east-African rift valley is formed from geological force of:
 A. Faulting B. Orogenesise
 C. Folding D. Volcanism
28. An altitude range 1500_2300 is represented by Ethiopian traditional climate zone of:
 A. WINA_DEGA B. DEGA C. KOLLA D. BEREHA
29. An instrument used to detect magnitude of earth quack is:
 A. Richter scale B. Remote censure
 C. Barometer D. GIS
30. One of the known old fold mountains is :
 A. Atlas B. Cape range
 C. Rockies D. Andes
31. Which of the following is NOT considered as indicator of trade deficit?
 A. While a country do not produce what it require
 B. While country’s export exceed its import.
 C. While a country borrow from other to pay for its import
 D. While country’s export is less than its import.
32. Which one of the following is advantage of globalization?
 A. Corporate influence of nation state
 B. Large flow of information
 C. Spread of materialistic life
 D. Unintentional spread of disease between nations.
33. Which of the following statement do not dictate absolute poverty?
 A. Lack of food and shelter B. Lack of many for saving
 C. Lack of basic needs D. Deficiency of resource for life
34. Of the following, which is not taken as sustainability solution is:
 A. Combating climate change
 B. Maximizing energy consumption
 C. Green economy development
 D. Facilitating renewable energy
35. Which of the following desert is an outcome of cold ocean current?
 A. The Tahir d. The Sahara d. C. The Namib d. D. The Arabian d.

36. Of the following Ethiopia's regions that relatively receive less amount of annual rainfall is?
- A. Western lowland B. South eastern high lands
C. Eastern lowlands D. Northern highlands
37. Part of Ethiopia that relatively considered as maximum rainfall region is?
- A. Northern highlands B. Central highlands
C. South-west highlands D. South-eastern highlands
38. Maximum insolation month of Ethiopia is
- A. January B. September C. May D. December
39. Niger river is part of:
- A. Indian ocean drainage system B. Mediterranean drainage system
C. Atlantic ocean drainage system D. Pacific ocean drainage system
40. Of the following Ethiopian rivers, closed drainage is ?
- A. R. Abbay B. R. Omo C. R. Awash D. R. Wabishebele
41. The one which is not controls of weather and climate is:?
- A. Altitude B. Temperature C. Latitude Ocean current
42. Ethiopia's summer season rainfall bearing planetary wind is mainly?
- A. North-eastern trade wind B. South- western trade wind
C. South-eastern trade wind D. North-western trade wind
43. Which part of Ethiopia is described as autumn and spring rainfall region?
- A. Central B. South-eastern C. North-eastern D. Northern
44. Basic Factor for economic imbalance between countries is?
- A. Shape of country B. Negative trade relation
C. Death-rate D. Physical condition
45. Of the following that considered as current experience of global pandemic is?
- A. Cancer B. Coved 19 C. Leprosy D. Tuber- closes
46. With respect to corruption perception index, which of the following country scored among the high scorer?
- A. Sudan B. Botswana C. Somalia D. Chad
47. In condition of corruption existence, which of the following has low attribute?
- A. Dominance of religion B. High GDP
C. Low media freedom D. High poverty
48. Which of the following is not primary pollutant?
- A. Carbon B. Ground level ozone C. Sulfur D. CFC gases
49. The best measure of level of development is:
- A. GNP B. Social well-being C. National product D. GDP
50. AS BEREHA implies to Desert ,DEGA is to:
- A. Semi-desert Polar C. Tropical D. Temperate
51. Eskimos people are those societies adopted to climate of?
- A. Tropical rainforest region B. Sub-tropical region
C. Temperate region D. Tundra region

52. All of the following are renewable energy EXCEPT?
- A. Solar energy B. Geothermal energy
 - C. Hydro-thermal energy D. Nuclear energy
53. In relation of goal of environmental education, WRONG statement is?
- A. It make people pro-active B. It empower eco-friendly citizen
 - C. It up holds sustainability D. Maximize Materialistic behavior
54. All of the following are true about environmental education EXCEPT?
- A. It is a life long process. B. It is inter disciplinary
 - C. It makes environmentally conscious
 - D. It only addressed by formal education
55. In relation to environmentally friendly endogenous knowledge, that is not correct statement is?
- A. Is orally transmitted B. Is local and contextual
 - C. Is an experience of trial and error D. Is universal
56. Which part of Africa is most mountainous region?
- A. Eastern Africa B. Western Africa
 - C. Northern Africa D. Sothern Africa
57. Almost 2/3 of Africa is Situated in?
- A. Tropical region B. Temperate region
 - C. Polar region D. sub-polar region
58. All of the following are true about Condition of developing countries EXCEPT?
- A. Export exceeds import B. Export non finished products
 - C. Import more capital goods D. Export Primary products
59. The most industrialized nations are concentrated in?
- A. Temperate region B. Polar region
 - C. Tropical region D. Desert region
60. Global warming could cause all of the following EXCEPT
- A. Ecosystem balance B. Sea level rise
 - C. endanger of some specious D. Melting of polar ice
61. Which part of the following part of the world has less exposure to desertification:
- A. Central Europe B. North central Africa
 - C. South eastern coast of North America
 - D. South western coast of Africa
62. In which part of the world's region is where more poor peoples have living?
- A. Central Europe countries B. North American countries
 - C. Sub-Saharan countries D. Scandinavian countries
63. Which of the following statement is wrong?
- A. Around the equator angle of the sun is high
 - B. Around high latitude day and night time has seasonal variation
 - C. Maximum low temperature is recorded around polar area
 - D. With increasing altitude temperature is going on increasing

64. Larger number of herbivores are inhabited in?

- A. Tropical rainforest A. Tundra lands
c. Coniferous forest D. Savana lands

65. The absolute value of cape Agulhas is measured:

- A. 44°. S. B. 37°.N C. 51°,S 37°.N.

66. Rocks such as marble are grouped as:

- A. Metamorphic rock B. Sedimentary rock
C. Igneous rock D. Basalt

67. Which of the following has organic origin?

- A, Sand stone B. Clay C. Coal D. Lime stone

68. Of the following African rivers ,which one is more politically sensitive?

- A. R. Niger B. R. Nile C. R. Awash D. R. Cong

69. Major problem for wild animals in Africa is :

- A. Reforestation B. Illegal hunting
C. Mixed farming D. Afforestation

70. Which of the following river's activity and landform is mainly associated at the upper course?

- A. Deposition and flood plain B. Eroding and V-shaped valley
C. Transportation and U- shaped valley D. Meandering and deposition

71. Which of the following method best describe nature of relief and altitude?

- A. Hachures B. Contour C. Form lines D. Hill shading

72. While compared to each other, which of the following urban settlement has more population size, service delivery and diverse economic activity?

- A. City B. Conurbation C. Megalopolis D. Metropolis

73. All of the following are demographic characteristics of developing countries EXCEPT?

- A. Low life expectancy B. High fertility
C. High level of family planning D. High death rate

74. As YAMBA is to GUMUZE society SEERA is to society of:

- A. KONSO B. AFFAR C. SOMALI D. GEDEO

75. An indigenous knowledge can be applicable in all of the following, but NOT in:
- A. Water management B. Soil conservation
 - C. Ecosystem management D. Nuclear material management
76. Phrase of “ Green is the new black” is related to ?
- A. Free market environmentalism
 - B. Light green environmentalism
 - C. Preservation & conservation environmentalism
 - D. Popular environmentalism
77. 80% of world’s energy released in earthquakes came from?
- A. Circum- Pacific belt B. The mid-oceanic belt
 - C. The great rift valley belt D. The Mediterranean belt
78. In relation of Population theory, “ Necessity is mother of invention.” Is related to?
- A. Ester Boserup’s Hypothesis B. Malthusian Theory
 - C. Julian Simon’s Theory D. Marxian Perspective
79. In relation of sustainable development, all of the following are caused by expansion of urbanization with population growth, EXCEPT?
- A. Decrease water percolation B. Decrease air quality
 - C. Deforestation D. Keep up natural beauty
80. All of the following are features of Ethiopia’s reverse EXCEPT? Most of them are:
- A. navigable B. trans boundary
 - C. sourced from highlands D. fluctuate seasonally
81. In plate tectonic, while two plates move away from one another it is termed as?
- A. Constructive plate boundary C. Conservative plate boundary
 - C. Convergent plate boundary D. Transform plate boundary
82. Through tectonic process of compression a down ward arch of a fold is known as?
- A. Anticline B. syncline C. Axial plane D. Limb
83. Which of the following is human cause for climate change?
- A. Volcanic eruption B. Land use change
 - C. Variation in solar output D. Variation in the Earth’s orbit

84. Which of the following is True about school of possiblyism?

- A. Human activities are controlled by environment.
- B. Human being can able to adjust and modify it's environment.
- C. Human being is under dominance of the physical environment.
- D. Physical environment can shape and modify human life.

85. Which of the following controls of weather and climate is more determinant to intensity of incoming solar radiation at a place?

- A. Ocean current
- B. Cloud cover
- C. Latitude
- D. Distance from the sea

QUESTION FROM 86 TO 100 IS TO NON BLIND STUDENTS

