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Social Studies, 2017 EC, Grade 8 model exam, Lideta

Grade 8 · Social Studies · 2017 E.C.

MARKING KEY: CONFIDENTIAL

Time allowed: 120 minutes | **Questions:** 57 | **Total marks:** 57

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1. From the given internal forces which one is bending of rock layers due to earth movements from one or two sides? (1)

A. ✓ **Folding**
B. Faults
C. Volcanism
D. Earthquake

Answer: A
Folding is the bending of rock layers due to compressional tectonic forces acting from one or both sides, whereas faulting involves fracturing and displacement.

2. From the given caliphs who was not succeeded after the death of prophet Mohammed? (1)

A. Abubaker
B. Umar
C. Ali
D. ✓ **Gebriel**

Answer: D
After the death of Prophet Mohammed, he was succeeded by the four Rightly Guided Caliphs (Abu Bakr, Umar, Uthman, and Ali). Gabriel (Gebriel) is an angel, not a human caliph.

3. Which one of the following form of governance rule of an extensive group of states or countries by a single monarch? (1)

A. ✓ **Empire**
B. Republic
C. Federation
D. Confederation

Answer: A
An empire is a political construct where a single monarch or sovereign authority rules over an extensive group of states, territories, or diverse peoples.

4. From the earth's atmospheric layer which one consists 75% atmospheric mass? (1)

A. ✓ **Troposphere**
B. Mesosphere
C. Stratosphere
D. Thermosphere

Answer: A
The troposphere is the lowest and densest layer of Earth's atmosphere, containing roughly 75% of the atmosphere's total mass and almost all of its water vapor.

5. What was the name of war carried out between Christian Europe and Seljuk Turks? (1)

A. ✓ **Crusade**
B. Polytheism
C. Jihad
D. Monothelism

Answer: A
The Crusades were a series of religious wars initiated and supported by the Latin Church in the medieval period, primarily fought between European Christians and Seljuk Turks for control of Jerusalem.

6. In which layer of atmosphere most meteors burn and disintegrate because of friction in the layer? (1)

A. Troposphere
B. ✓ **Mesosphere**
C. Stratosphere
D. Thermosphere

> **Answer:** B
> Most meteoroids burn up and disintegrate in the mesosphere due to the friction created by colliding with gas molecules in this layer.

7. Which types of language family early nomads Arabs were speaking? (1)

A. Cushitic
B. ✓ **Semitic**
C. Nilotic
D. Omotics

> **Answer:** B
> Arabic is a Semitic language, which is a major branch of the Afroasiatic language family spoken historically by early nomadic Arab groups.

8. From the major elements of weather climate which one is used to know the amount of hotness or coldness of an object? (1)

A. Rainfall
B. Wind
C. ✓ **Temperature**
D. Cloud

> **Answer:** C
> Temperature is the atmospheric element used to measure the degree of hotness or coldness of an object or the air.

9. Which one of the following ancient civilization established republic form of government? (1)

A. China
B. Greek
C. India
D. ✓ **Rome**

> **Answer:** D
> Ancient Rome established a republican form of government (the Roman Republic) in 509 BC, characterized by representative governance, unlike ancient Greece which is famous for direct democracy.

10. From the agro-climate zones of Ethiopia which one lies between 1500m-2300m above mean sea level? (1)

A. Dega
B. Qolla
C. Bereha
D. ✓ **Woina dega**

> **Answer:** D
> The Woina Dega (temperate) zone is one of Ethiopia's traditional agro-climatic zones, situated at altitudes between 1500 and 2300 meters above sea level.

11. During the ancient civilization of Greece, who was called father of medicine? (1)

A. Aristotle
B. Herodotus
C. ✓ **Hippocrates**
D. Plato

> **Answer:** C
> Hippocrates of Kos was an ancient Greek physician who is traditionally referred to as the 'Father of Medicine' for separating medicine from superstition.

12. From the given components of culture which one is categorized under material culture? (1)

A. Beliefs
B. Language
C. Values
D. ✓ **Clothing**

> **Answer:** D
> Material culture consists of the physical, tangible objects created and used by a society, such as clothing and tools, whereas beliefs, language, and values are non-material.

13. Which one of the following natural resource is not non-renewable resources? (1)

A. Coal
B. Natural gas
C. Petroleum
D. ✓ **Air**

> **Answer:** D
> The phrase 'not non-renewable' means renewable; air is a perpetual and self-replenishing resource, whereas coal, petroleum, and natural gas are finite fossil fuels.

14. Which one of the following is not the consequence of population pressure on natural resources? (1)

A. Loss of biodiversity
B. Air pollution
C. ✓ **Increasing forest land**
D. Water pollution

> **Answer:** C
> Population pressure leads to forest degradation and deforestation to meet the demand for agricultural land and fuelwood, which decreases rather than increases forest land.

15. From the given methods of soil conservation which one is constructing stair like structure along hill sides to reduce the speed of water flows down the slope? (1)

A. Afforestation
B. Crop rotation
C. ✓ **Terracing**
D. Shelter belt

> **Answer:** C
> Terracing is the agricultural practice of carving stair-like steps into hillsides to reduce the speed of surface runoff and prevent soil erosion.

16. Which one of the following country is the lower course of the Nile river? (1)

A. Ethiopia
B. Uganda
C. Kenya
D. ✓ **Egypt**

> **Answer:** D
> Egypt is located in the lower course (downstream region) of the Nile River where it empties into the Mediterranean Sea, while Ethiopia and Uganda lie in the upper course.

17. Which one of the following natural resource is renewable? (1)

A. Coal
B. ✓ **Soil**
C. Copper
D. Petroleum

> **Answer:** B
> Soil is classified as a renewable resource because it can regenerate naturally over time, whereas coal, copper, and petroleum are finite and non-renewable.

18. Which one of the following is not the importance of natural resources? (1)

A. To maintain environmental balance
B. To satisfy human needs
C. For the development of the country
D. ✓ **To decrease human living standard**

> **Answer:** D
> Natural resources are essential to enhance and sustain human living standards, rather than to decrease them.

19. Which one of the following is not the result of unwise utilization of natural resources? (1)

A. Water shortages
B. ✓ **Rise of forest cover**
C. Extinction of species
D. Depletion of minerals

> **Answer:** B
> Unwise utilization of resources leads to environmental degradation and deforestation, whereas a rise in forest cover is a positive outcome of sustainable management and conservation.

20. Which one of the following trade is part of internal trade? (1)

A. Entrepot trade
B. Import trade
C. Export trade
D. ✓ **Retail trade**

> **Answer:** D
> Retail trade is the sale of goods directly to consumers within the country's borders, making it a form of internal (domestic) trade, whereas import, export, and entrepot are international trades.

21. From the given explorers who was arrived western coast of Africa in 1487? (1)

A. Vasco da Gama
B. ✓ **Bartholomew Diaz**
C. Christopher Columbus
D. Ferdinand Magellan

> **Answer:** B
> The Portuguese explorer Bartholomew Diaz set sail in 1487 and traveled along the western coast of Africa, eventually becoming the first European to round the Cape of Good Hope in 1488.

22. Which one of the population -natural resource relationship shows balanced population natural resource? (1)

A. ✓ **Optimum population**
B. Overpopulation
C. Underpopulation
D. Both B and C

> **Answer:** A
> Optimum population is the state where the population size is perfectly in balance with available natural resources, allowing for the highest possible standard of living.

23. From the given scholars during renaissance time was known by his art of Romeo and Juliet? (1)

A. Leonardo da Vinci
B. ✓ **William Shakespeare**
C. Michelangelo
D. Nicola Machiavelli

> **Answer:** B
> William Shakespeare was a famous Renaissance writer known for classic tragedies such as Romeo and Juliet.

24. Which one of the following adopts pro-natalist population policy in managing or balancing human and resources relationship? (1)

A. China
B. Ethiopia
C. USA
D. ✓ **France**

> **Answer:** D
> France has a well-known pro-natalist population policy that provides financial incentives and support to encourage families to have more children.

25. Which one of the following is not the major cause of the first world war? (1)

A. Nationalism
B. Imperialism
C. Militarism
D. ✓ **Totalitarianism**

> **Answer:** D
> The major causes of World War I are traditionally summarized by the acronym MAIN (Militarism, Alliances, Imperialism, and Nationalism), whereas Totalitarianism rose to prominence in the interwar period and contributed to WWII.

26. From the given countries which one was the member of allied powers in Second World War? (1)

A. Germany
B. Italy
C. ✓ **France**
D. Japan

> **Answer:** C
> France was one of the Allied powers in World War II, while Germany, Italy, and Japan made up the main Axis powers.

27. Which one of the following road safety rules is not important for drivers? (1)

A. Never drink and drive
B. Never break red signal
C. ✓ **Always drive with high speed**
D. Follow the road signs

> **Answer:** C
> Driving at high speeds is highly dangerous and violates safety principles, whereas the other options represent important safety regulations.

28. If the total live births in a population of 75,000,000 was 200,000, what was the birth rate of this population? (1)

A. ✓ **2.67 per 1000 people**
B. 26.7 per 1000 people
C. 0.267 per 1000 people
D. 0.026 per 1000 people

> **Answer:** A
> The birth rate (Crude Birth Rate) is calculated as (Births / Total Population) * 1,000. Here, (200,000 / 75,000,000) * 1,000 equals approximately 2.67 per 1,000 people.

29. Where was the fossils of Homo sapiens found in Africa? (1)

A. Lake Turkana
B. Melka kunture
C. Olduvai gorge
D. ✓ **Awash valley**

> **Answer:** D
> Fossils of Homo sapiens (specifically Homo sapiens idaltu, dating to around 160,000 years ago) were discovered at Herto in the Middle Awash valley of Ethiopia.

30. From the historical paths of human kinds which was handy human being? (1)

A. ✓ **Homo habilis**
B. Homo erectus
C. Homo sapiens
D. Genus homo

> **Answer:** A
> Homo habilis is famously referred to as the 'handy man' because it was the first hominid species known to make and use stone tools.

31. The fastest and very latest mode of transport that used to transport limited product is? (1)

A. Road transport
B. Water transport
C. Land transport
D. ✓ **Air transport**

> **Answer:** D
> Air transport is the fastest and latest mode of transport, typically utilized for high-value, perishable, or limited-volume products.

32. Which one of the following rock is mainly covered eastern parts of Ethiopia? (1)

A. Igneous
B. ✓ **Sedimentary**
C. Metamorphic
D. Basalt

> **Answer:** B
> The eastern part of Ethiopia, particularly the Ogaden region, is predominantly covered by Mesozoic sedimentary rocks.

33. Which age distribution of ag given population economically active population? (1)

A. Young age
B. Old age
C. ✓ **Adult age**
D. Elder age

> **Answer:** C
> The adult age group (usually defined as 15 to 64 years) represents the economically active or working-age population.

34. Which one of the following rock is changed rocks? (1)

A. Sedimentary
B. ✓ **Metamorphic**
C. Igneous
D. Intrusive igneous

> **Answer:** B
> Metamorphic rocks are 'changed' rocks, formed when pre-existing sedimentary, igneous, or older metamorphic rocks are altered by extreme heat and pressure.

35. Which one of the following region is sparsely populated? (1)

A. Asiatic population belts
B. Peninsular Europe
C. ✓ **Hot dry land**
D. North eastern north America

> **Answer:** C
> Hot dry lands, such as deserts, are sparsely populated because of harsh climatic conditions, lack of water, and limited vegetation.

36. Which one of the Earth structure is the outermost and thinnest layer of the Earth? (1)

A. Core
B. Mantle
C. ✓ **Crust**
D. Outer core

> **Answer:** C
> The crust is the outermost, coolest, and thinnest layer of the Earth's internal structure.

37. Which one of the following factor is not attributed for high death rate? (1)

A. Loss access health facilities
B. Civil war
C. ✓ **High nutrition**
D. Wide spread famine

> **Answer:** C
> High nutrition leads to improved health and lower death rates, whereas war, lack of health facilities, and famine increase death rates.

38. From the given planets which one is categorized in outer planets? (1)

A. Mercury
B. Venus
C. ✓ **Saturn**
D. Mars

> **Answer:** C
> Saturn is classified as an outer planet (or gas giant), while Mercury, Venus, and Mars are inner (terrestrial) planets.

39. From the external components of the Earth which is the portion of living things? (1)

A. Lithosphere
B. ✓ **Biosphere**
C. Hydrosphere
D. Atmosphere

> **Answer:** B
> The biosphere is the zone of life on Earth, encompassing all living organisms and their relationships with the lithosphere, hydrosphere, and atmosphere.

40. Which one of the following source of information about internal structure of the Earth is an indirect source? (1)

A. Mining
B. Volcanic eruption
C. ✓ **Earthquake**
D. Deep ocean drilling projects

> **Answer:** C
> Seismic waves generated by earthquakes are indirect sources of information because they allow scientists to infer the properties of the Earth's deep interior by observing how the waves travel and bend through different layers.

41. From the Earth structure which one takes 15% of the Earth's volume? (1)

A. Crust
B. Mantle
C. ✓ **Core**
D. Inner core

> **Answer:** C
> The Earth's core constitutes about 15% to 16% of the Earth's total volume, while the mantle takes up about 84% and the crust less than 1%.

42. If the total live births in a population of 75,000,000 was 200,000, what was the birth rate of this population? (1)

A. ✓ **2.67 per 1000 people**
B. 26.7 per 1000 people
C. 0.267 per 1000 people
D. 0.026 per 1000 people

> **Answer:** A
> The crude birth rate is (200,000 / 75,000,000) * 1,000, which evaluates to approximately 2.67 per 1,000 people.

43. Where was the fossils of homo sapiens found in Africa? (1)

A. Lake Turkana
B. Melka kunture
C. Olduvai gorge
D. ✓ **Awash valley**

> **Answer:** D
> Significant Homo sapiens fossils, such as Homo sapiens idaltu, were discovered in the Middle Awash valley in Ethiopia.

44. From the historical paths of human kinds which was handy human being? (1)

A. ✓ **Homo habilis**
B. Homo erectus
C. Homo sapiens
D. Genus homo

> **Answer:** A
> Homo habilis translates to 'handy man' due to archaeological evidence of their ability to manufacture basic stone tools.

45. The fastest and very latest mode of transport that used to transport limited product is? (1)

A. Road transport
B. Water transport
C. Land transport
D. ✓ **Air transport**

> **Answer:** D
> Air transport is the fastest and most modern mode of transportation, mostly reserved for light, expensive, or highly perishable goods.

46. Which one of the following rock is mainly covered eastern parts of Ethiopia? (1)

A. Igneous
B. ✓ **Sedimentary**
C. Metamorphic
D. Basalt

> **Answer:** B
> Sedimentary rocks are the primary geological formations found in the eastern lowlands of Ethiopia, including the Ogaden basin.

47. Which age distribution of ag given population economically active population? (1)

A. Young age
B. Old age
C. ✓ **Adult age**
D. Elder age

> **Answer:** C
> The adult age bracket (typically ages 15-64) forms the core of the economically active population, as they are capable of working and producing goods and services.

48. Which one of the following rock is changed rocks? (1)

A. Sedimentary
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D. Intrusive igneous

> **Answer:** B
> Metamorphic rocks are formed when pre-existing rocks (igneous or sedimentary) undergo profound physical or chemical changes due to intense heat and pressure.

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A. Asiatic population belts
B. Peninsular Europe
C. ✓ **Hot dry land**
D. North eastern north America

> **Answer:** C
> Hot dry lands, such as deserts, are sparsely populated due to harsh climatic conditions, extreme temperatures, and a severe lack of water and arable land.

50. Which one of the Earth structure is the outer most and thinnest layer of the Earth? (1)

A. Core
B. Mantle
C. ✓ **Crust**
D. Outer core

> **Answer:** C
> The crust is the outermost solid shell of the Earth and is the thinnest of all layers, ranging from about 5 km under the oceans to about 70 km in mountain ranges.

51. Which one of the following factor is not attributed for high death rate? (1)

A. Loss access health facilities
B. Civil war
C. ✓ **High nutrition**
D. Wide spread famine

> **Answer:** C
> High nutrition promotes good health and reduces mortality, whereas civil war, famine, and lack of healthcare facilities directly contribute to high death rates.

52. From the given countries which one was the member of communist bloc during Cold war? (1)

A. Britain
B. Japan
C. ✓ **Poland**
D. USA

> **Answer:** C
> During the Cold War, Poland was a satellite state of the Soviet Union and a member of the Warsaw Pact, making it part of the communist Eastern bloc.

53. From the given planets which one is categorized in outer planets? (1)

A. Mercury
B. Venus
C. ✓ **Saturn**
D. Mars

> **Answer:** C
> Saturn is classified as an outer planet (or gas giant), while Mercury, Venus, and Mars are inner (terrestrial) planets closer to the Sun.

54. From the external components of the Earth which is the portion of living things? (1)

A. Lithosphere
B. ✓ **Biosphere**
C. Hydrosphere
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> **Answer:** B
> The biosphere is the zone of the Earth where life exists, integrating all living beings and their relationships across the lithosphere, hydrosphere, and atmosphere.

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C. ✓ **Earthquake**
D. Deep ocean drilling projects

> **Answer:** C
> Seismic waves from earthquakes are an indirect source of information because scientists analyze how the waves travel and bend through the Earth to map its internal layers, unlike direct samples from drilling or mining.

56. From the Earth structure which one takes 15% of the Earth's volume? (1)

A. Crust
B. Mantle
C. ✓ **Core**
D. Inner core

> **Answer:** C
> The Earth's core constitutes about 15% of the Earth's total volume (and about 32% of its mass), whereas the mantle occupies about 84% and the crust less than 1%.

57. Which one of the following gases in Earth's atmosphere is the most abundant? (1)

A. ✓ **Nitrogen**
B. Methane
C. Argon
D. Helium

> **Answer:** A
> Nitrogen is the most abundant gas in the Earth's atmosphere, accounting for approximately 78% of its total volume.

END OF THE MARKING KEY

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