

AGR205 List of Questions

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Q1 is referred to as the photo synthetic active radiaton——

- ☐ xray
- ☐ infra red ray
- ☐ gamma ray
- ☐ visible white light

Q2 The visible white light occupies—— wave lengty part of the solar income

- ☐ 0.4-0.74
- ☐ 0.4-0.88
- ☐ 0.4-0.66
- ☐ 0.33-0.55

Q3 X ray, infred ray Gamma ray are—— of solar radiation

- ☐ component
- ☐ not part
- ☐ visible part
- ☐ the hot pard

Q4 Insolation refers to ——

- ☐ dryness
- ☐ way sunenergy gets to the earth
- ☐ condensation of moisture
- ☐ preventing heat losses

Q5 Astronomy refers to——

- ☐ Geometry of the solar system
- ☐ land and sea conformation
- ☐ insolation
- ☐ None

Q6 is not an objective of agroclimatology——

- ☐ manipulating the climate to fovour production
- ☐ minimise adverse weather effect on crops
- ☐ optimise favourable weather condition on plant
- ☐ irrigate the farm

Q7 The effect of optimum temperature in plant is—— Except

- ☐ increase water uptake
- ☐ increasenuitrient airtake
- ☐ increase photosynthesis
- ☐ wilting

Q8 A high relative humidity can lead to all exept——

- ☐ plant diseases
- ☐ rainfall
- ☐ low evapotranspiration
- ☐ aridity

Q9 Xerophytes can endure high——

- ☐ salt water
- ☐ humidity
- ☐ temperature
- ☐ drought

Q10 Plants that grows with excess of water are calleb——

- ☐ mesophytes
- ☐ halophytes
- ☐ hydrophyted
- ☐ thalophytes

Q11 orographic rainfall is same as——

- ☐ relief
- ☐ frontal
- ☐ cyclonic
- ☐ alto stratus

Q12 is a type of rainfall facilitated by differential air temperature—

- ☐ relief
- ☐ frontal
- ☐ relief
- ☐ orographic

Q13 A damp air is highly humid and may result to—

- ☐ condensation
- ☐ cooling
- ☐ precipitation
- ☐ low pressure

Q14 The equatorial eastly comes during the —

- ☐ hot dry season
- ☐ cold dry season
- ☐ change over of the season
- ☐ rainy season

Q15 The tropical maritime airmass brings —

- ☐ drought
- ☐ rain
- ☐ hamatarn
- ☐ dust devil

Q16 The relevance of wind to agriculture is—

- ☐ photoperiodism
- ☐ rainfall seasonality
- ☐ hamatarn
- ☐ photosynthesis

Q17 The relevance of sunshine to agriculture is—

- ☐ photosynthesis
- ☐ nutrient uptake
- ☐ phototropism
- ☐ chemotropism

Q18 Mercury bulb is the sensitive part in the equipment for measuring —

- ☐ rainfall
- ☐ pressure
- ☐ day length
- ☐ temperature

Q19 the collapsible box or partial vacuum box is found in the equipment for measuring—

- ☐ temperature
- ☐ rainfall
- ☐ sunshine
- ☐ pressure

Q20 is the sensitive part of the equipment for measuring the speed of the wind—

- ☐ Mercury
- ☐ human hair
- ☐ semi circular cups
- ☐ collapsible box

Q21 The main forms of precipitation include these except

- ☐ Dew
- ☐ frost
- ☐ fog
- ☐ wind

Q22 may be formed by a rapid radiation from ground surfaces at night when the dew point of the air is below zero centigrade

- ☐ Dew
- ☐ frost
- ☐ fog
- ☐ rain

Q23 is the result of the condensation of water vapour near the ground (or over the sea) on to microscopic particles of dirt and dust in the air

- ☐ Dew
- ☐ frost
- ☐ fog
- ☐ Rain

Q24 are forms of condensation, formed when air is moved away from the land water surface

- ☐ Dew
- ☐ frost
- ☐ fog
- ☐ rain

Q25clouds are a rough, bumpy cloud with the waves more pronounced than in altocumulus

- ☐ Stratocumulus
- ☐ Altocumulus
- ☐ Cumulus
- ☐ Cumulonimbus

Q26 heavy masses of clouds with great vertical developments, smooth or flattened at the top, and frequently anvil shaped

- ☐ Stratocumulus
- ☐ Altocumulus
- ☐ Cumulus
- ☐ Cumulonimbus

Q27 What is said to occurs when the tilt of the Earth's axis is inclined neither away from nor towards the Sun, the center of the Sun being in the same plane as the Earth's equator

- ☐ solanox
- ☐ equinox
- ☐ solstice
- ☐ Autumal

Q28 Angle between the rays of the sun and at tangent to the earth's surface at a point of observation is called

- ☐ tangent of the sun
- ☐ altitude of the sun
- ☐ latitude of the sun
- ☐ Radiation energy

Q29 The value of solar constant is expressed in.....

- ☐ centigrade
- ☐ sonar
- ☐ langley
- ☐ Equinox

Q30 As the sun radiates its energy, the amount received at the outer boundary of the earth's atmosphere, at normal incidence and at mean distance between the earth and the sun is known as

- ☐ solar radiation
- ☐ solar energy
- ☐ thermal energy
- ☐ solar constant

Q31 Until 400 BC when Hippocrate and Aristotle published their works, weather phenomena was assumed to be controled by —

- ☐ man
- ☐ God
- ☐ Accident
- ☐ Nature

Q32 The main category of factors influencing temperature characteristics of a place climatic factors except—

- ☐ solar radiation

- ☐ net radiation
- ☐ continentality
- ☐ wind

Q33 The following are the various types of surface that reacts differently to solar radiation except——

- ☐ reflection
- ☐ absorption
- ☐ evapotranspiration
- ☐ transmission

Q34 The sun provides over——% of the heat required for physical and biological processes on earth

- ☐ 100
- ☐ 99
- ☐ 90
- ☐ 85

Q35 Is not crop classification based on photo requirement——

- ☐ CAM
- ☐ long day
- ☐ day neutral
- ☐ short day

Q36 All are classifications of crops based on temperature requirement except——

- ☐ C3
- ☐ C4
- ☐ CAM
- ☐ xeromorphid

Q37 The human hair is a major component of the automatic——

- ☐ barometer
- ☐ manometer
- ☐ hygrometer
- ☐ thermometer

Q38 A high humidity may not result to rain fall if——

- ☐ temperature is high
- ☐ wind velocity is high
- ☐ cloud is heavy
- ☐ the air is dry

Q39 is responsible for the seasonality of rain fall——

- ☐ Zonal position of the sun
- ☐ evaporation
- ☐ transpiration
- ☐ land and sea breeze

Q40 is the sensitive part of the sun dial——

- ☐ synthesize card
- ☐ Spherical lens
- ☐ beam
- ☐ none

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- ☐ humanhair
- ☐ semi circular cups
- ☐ collapsible box

Q61 which unit will you use to measure relative humidity——

- ☐ %
- ☐ Cm
- ☐ Pa
- ☐ Newton

Q62 which unit will you use to measure sunshine——

- ☐ degree
- ☐ Kilogramme
- ☐ hours/day
- ☐ watt

Q63 which unitwill you use to measure pressure——

- ☐ pascal
- ☐ newton
- ☐ watt
- ☐ calorie

Q64 which equipment will you use to measure wind velocity——

- ☐ speedometer
- ☐ manometer
- ☐ hydrometer
- ☐ wind vain

Q65 which equipment will you use to measure hours of sunshine——

- ☐ calorimeter
- ☒ evaporation pan
- ☐ sun dial
- ☐ velocity

Q66 which equipment will you use to measure temperature——

- ☐ rain guage
- ☒ thermometer
- ☐ Manometer
- ☐ sundial

Q67 which equipment will you use to measure pressure——

- ☐ pascal
- ☒ barometer
- ☐ N/M2
- ☐ Hygrometer

Q68 Wind will move into the direction of —— pressure

- ☐ high
- ☒ low
- ☐ No
- ☐ ballanced

Q69 is a climatic element that affects the direction of wind——

- ☐ fog
- ☒ pressure
- ☐ humidity
- ☐ sunshine

Q70 is not an example of high cloud——

- ☐ cirrus
- ☐ cirrocuculus
- ☐ cirrostratus
- ☒ alto stratus

Q71 all except—— can affect the temperature of a place

- ☐ distancefrom the sun
- ☐ cloud cover
- ☐ land and sea breeze
- ☒ equator

Q72 all are formof precipitation except——

- ☐ Fog
- ☐ rain
- ☐ snow
- ☒ storm

Q73 A damp air is highly——

- ☐ hot
- ☐ humid
- ☒ clouded
- ☐ calm

Q74 The enetgy that can be transmitted from hot to cold bodyis——

- ☐ rainfall
- ☐ temperature
- ☒ heat
- ☐ relative humidity

Q75 refers to the degree of hotness of the atmosphere——

- ☐ cloud
- ☒ temperature
- ☐ radiation

- ☐ heat

Q76 is made up of water droplets of less than 0.001um——

- ☐ cloud
- ☐ sunshine
- ☐ temperature
- ☐ wind

Q77 Is not a climatic element——

- ☐ cloud
- ☐ tempereture
- ☐ moon
- ☐ relative humidity

Q78 The coment that maiduguri is generall hot is about the——

- ☐ equator
- ☐ climate
- ☐ weather
- ☐ none

Q79 Is the casual remark about the condition of the atmosphere——

- ☐ Climate
- ☐ weather
- ☐ equator
- ☐ themometer

Q80 The difERENCE between climate and weather is ——of observation

- ☐ period
- ☐ standard
- ☐ mode
- ☐ means