

Scobol Solo 2022

Packet 11 (Round 11)

1. James Rest developed a Defining Issues Test that has components based on this type of sensitivity, judgement, motivation, and character. Following Jean Piaget's [pee-ah-ZHAY'Z] Theory of Intellectual Development, a theory of this type of development was created that used a test based on the Heinz dilemma. That theory—which classified this type of development as pre-conventional, conventional, or post-conventional—was developed by Lawrence Kohlberg. Name this adjective used to describe various theories in the psychology of ethics.

Answer: moral(s) [or morality; accept moral reasoning]

2. The equation named for these objects is almost identical to Bragg's law except without a "2" in the equation. Based on how these objects are created and the shapes of their grooves, these object can be classified as ruled or holographic. One of these objects can be made by putting many parallel scratches in a transparent material. These objects cause light to bend in different directions when it hits an obstacle, which is the phenomenon they are named for. Name these objects that are commonly used as spectrometers because, like glass prisms, they separate different colors of light.

Answer: diffraction gratings [prompt on partial answers]

3. In one story by this writer, Detective Jaralson decides that a poem sounds like it was written by Myron Bayne. This writer began that story with a man waking up and saying "Catharine Larue". This author of "The Death of Halpin Frayser" wrote a story that begins in northern Alabama with a well-to-do planter looking down from a railroad bridge, and which ends with the main character's body swinging back and forth with a broken neck. Name this author who wrote about Peyton Farquhar [FAR-kwar] in "An Occurrence at Owl Creek Bridge".

Answer: Ambrose Bierce

4. After this composer was drafted for military service, he received permission to live in a house near West Point with his partner Gian Carlo Menotti ["John" KAR-loh men-OHT-tee] and work on his music. He used the time to compose his *Capricorn* Concerto, which was named for the house, and *Commando March*. This composer's best-known work was premiered along with his *First Essay for Orchestra* by Arturo Toscanini in a radio concert. That piece, which begins with a B flat and is in B-flat minor, was played to an empty hall after President Kennedy's funeral. Name this composer who wrote *Adagio for Strings*.

Answer: Samuel (Osmond) Barber (II)

5. This person wrote “All I have, I have given to you” at the beginning of his “First Message to the Negroes of the World from Atlanta Prison”. That letter was published in this person’s newspaper *Negro World*. This person was in jail for mail fraud because his company sold shares in a ship that they did not yet own. This person declared himself the Provisional President of Africa and started the Universal Negro Improvement Association. Name this Pan-Africanist who gained a large following in the United States after moving here from Jamaica.

Answer: Marcus (Mosiah) Garvey (Sr.)

Check the score.

6. This thing is notably absent in a di-boron [“die-BORE-on”] molecule. The flow of electrons in this thing leads to a molecule having a di-pole [“DIE-pole”] in the inductive effect, which is contrasted with the temporary electro-meric [“elect-row-MARE”-ik] effect caused by a similar thing. These things are symmetric about their axis, in contrast to similar things that have nodal planes along the axis. This thing is the simplest example in a set of four whose two most complex examples are phi and delta bonds. Name this strongest type of covalent bond, which can be combined with pi bonds in double and triple bonds.

Answer: sigma bond(s) [prompt on covalent bond or single bond or bond]

7. Neil Parish was one of these people from 2010 until he resigned in 2022 after admitting he watched pornography while performing duties of this job. Chris Pincher has been one of these people since 2010, keeping his position despite many calls for his resignation or removal due to accusations of groping. This group of people has been led by Penny Mordaunt [MOR-dunt] since September. Name this group whose Conservative majority cast a series of ballots in September 2022 that for a brief time led to Liz Truss being Prime Minister because she outpolled Rishi Sunak [RISH-ee SOO-nak].

Answer: MPs or Members of Parliament [or members of the House of Commons; accept additional information referring to the UK, the United Kingdom (of Great Britain and Northern Ireland), Conservatives, or Tories]

8. This artist said “The second stage is carefully calculated” when describing his process of adding forms that he had earlier selected after starting with an unevenly primed canvas. This artist added an orange balloon and black-and-white shapes to create the 1925 work *The Birth of the World*. This artist included a red square outline and seemingly tilted ground in a work combining primitive realism and Cubism [“CUBE”-izm], *The Farm*. The title character in a very busy painting by this artist has a face that is half blue and half red [pause] and a very long mustache. Name this painter of *The Harlequin’s Carnival* whose work is prominently displayed in Barcelona.

Answer: Joan Miró (i Ferrà) [zhoo-AHN mee-ROH]

9. In one poem by this writer, a bird asks “Rain, when will you fall? Thunder, when will you roll?”. That bird, which reminds this poet of Andromache [an-DRAH-muh-kee], is the title animal in “The Swan”. This poet wrote about a bird whose “giant wings prevent him from walking” in his short poem “The Albatross”. This poet’s best-known collection opens with a note to the reader saying “Folly, error, sin, avarice occupy our minds and labor our bodies.” The first section of that collection by this author is titled “Spleen and Ideal”. Name this 19th-century French poet who wrote *The Flowers of Evil*.

Answer: Charles (Pierre) Baudelaire [sharl boh-duh-lair]

10. This country’s National Military Council was sometimes called “the Coup Group” because they put a man referred to both as Marshal P. and Phibun in power. That person was replaced in 1957 when Pote Sarasin [poht SAR-uh-SEEN] was put in control of this country by a coup led by Sarit Thanarat [sah-REET tah-NAH-raht]. More recently, Thaksin Shinawatra [“toxin” SHIN-uh-WAHT-r] was removed from leading this country in a 2006 coup, but his sister Yingluck was elected in 2011. Since 1782, this country has also been headed by the Chakri dynasty, and their current king is Rama X. Name this country that was historically known as Siam and whose capital is Bangkok.

Answer: (Kingdom of) Thailand [or Prathet Thai or Ratcha Anachak Thai]

Check the score.

11. This god is sometimes conflated with Wepwawet [WEP-wuh-wet] and sometimes considered to be his brother. This god was the husband of Anput and father of Kebechet, who was known for bringing cool water. This god helped Isis [“EYE”-siss] embalm Osiris [oh-“SIGH”-riss], and in later myths, this god was replaced by Osiris as “First of the Westerners” and the god of the dead. This god was often pictured near Ammit [AM-it], especially when he was judging the dead by weighing their heart against a feather representing Ma’at. Name this Egyptian god of death who had a canine head.

Answer: Anubis [accept Inpu or Jnpw or or Anpu]

12. The presence of this hormone in plants has only been known since the late 20th century, and it has been difficult to differentiate between the effects of this hormone and indole-3-acetic [“IN-dole three uh-SEE-tick”] acid. In humans much of this hormone binds to the pars tuberalis [toob-uh-RAY-lus] in the pituitary [pih-TOO-ih-tair-ee]. This hormone is synthesized from serotonin [sair-uh-TOH-nin] and affects amphibian skin color. In humans, cortisol and this hormone are the main hormones involved in circadian rhythms. The production of this hormone is slowed down by light, and some people take it as a supplement to help them sleep. Name this hormone released by the pineal gland that affects sleep.

Answer: melatonin [do not accept or prompt on “melanin”]

13. Music by this composer, and his contemporaries such as Scott Hayden and Joseph F. Lamb, was turned into a ballet by Kenneth MacMillan, who named it after this composer's work *Elite Syncopations*. One work by this composer begins with a rising D, D-sharp, before repeating a rising E to C. That song by this composer was adapted for the movie *The Sting*. This composer started gaining fame after one of his 1899 songs increased interest in a precursor to jazz. Name this composer who wrote "The Entertainer", "Maple Leaf Rag", and many other ragtime compositions.

Answer: Scott Joplin

14. The first scene in this play is in front of Leonato's house, where Leonato says that two of this play's characters "never meet but there's a skirmish of wit between them". In this play, Borachio [boh-RAH-chee-oh] and Conrade are followers of Don Pedro's illegitimate brother, Don John. The line "But fare thee well, most foul, most fair" is spoken in this play by Claudio at what was supposed to be his marriage to Hero. Some of the humor in this play is directed at the constable Dogberry. Name this play that eventually features love between Benedick and Beatrice.

Answer: Much Ado About Nothing

15. This person blamed Bolingbroke and Oxford when he was jailed for corruption, and he eventually chaired a secret committee that impeached them for treason. This person arranged a peace treaty with Austria shortly after his brother-in-law Lord Townshend resigned, ending a power-sharing arrangement. This person kept England out of the War of Polish Succession. This leader kept the Whigs in power during the 1720s by restoring confidence in the financial system after the collapse of the South Sea Company. Name this person who is generally considered the first British prime minister.

Answer: Robert Walpole(, 1st Earl of Orford)

Check the score.

16. This shape can be drawn to circumscribe a triangle, with its center at the triangle's centroid, in which case Jakob Steiner's name is applied to this shape. This shape is a special case of a hypo-tro-choid ["HI"-poh-TROH-koyd] but not a hypo-cycloid ["HI"-poh-SY-kloyd] and can be generated by following a point inside a circle as the circle rotates inside another circle twice as large. This shape is generated from a *general* two-variable second-degree equation when $b^2 - 4ac$ ["b squared minus 4 a c"] is negative. Each point on this shape is closer to the focus than to the directrix. The sum of the distances from every point on this shape to both foci ["FOE-sigh"] is constant. Name this conic section that can be generated by stretching a circle in one direction.

Answer: ellipses

17. This country's port city of Coquimbo [koh-KEEM-boh] is next to a namesake bay and in a region of this country that includes the larger city La Serena. This country's city of Antofagasta [ahn-toh-fah-GAH-stah] is an important port city for silver, nitre, and copper. This country's capital and most populous city is inland from its second-most populous city, Valparaíso [vahl-pah-rah-EE-soh]. This country's southernmost point is Cape Horn, while its northern part is the driest non-polar desert in the world, the Atacama [ah-tah-KAH-mah]. Name this country that is west of Argentina and whose capital is Santiago.

Answer: (Republic of) Chile [or (República de) Chile]

18. One book by this writer begins by describing the changing of a photograph that used to show Vladimír Clementis next to Klement Gottwald. That description is in the *Lost Letters* section of a book by this author. Another novel by this author says "We can never know what to want, because, living only one life, we can neither compare it with our previous lives nor perfect it in our lives to come." In that novel by this writer, Sabina helps find Tereza a job while both women are in a relationship with the surgeon Tomás [TOHM-ahsh]. This author set much of that novel in Zurich and Prague. Name this author of *The Book of Laughter and Forgetting* and *The Unbearable Lightness of Being*.

Answer: Milan Kundera

19. A few months after this king was crowned, many of his supporters were captured and killed at the Battle of Methven. The following year, this king got revenge against the Earl of Pembroke by winning the Battle of Loudoun [LAO-dun] Hill. This king was often aided in battle by his nephew Thomas Randolph, 1st Earl of Moray, including at the Battle of Bannockburn, which blocked an invasion by King Edward II of England. This person became a guardian along with John Comyn [KOH-min] after a major loss by William Wallace. Name this person who became king during the First War of Scottish Independence.

Answer: Robert the Bruce [accept Robert I; prompt on Robert or Bruce]

20. One of these things named Tarantula is located near the site of Supernova 1987A. Some of the most publicized 2022 photos from the James Webb Space Telescope showed examples of these things called Carina and Southern Ring. The diffuse type of these things is sometimes called the emission type and can be considered to include supernova remnants. There are also reflection, dark, and planetary types of these things. The diffuse types of these things are where many stars are formed. Name these interstellar clouds.

Answer: nebulae or nebulas

This is the end of regulation. Check the score. If it is tied, proceed to overtime tossups. If it is not tied, the game is over.

- TB21. Gustav Mahler referred to this composer as his forerunner, and there is historical disagreement as to which of the two of them composed *Symphonic Prelude in C minor*. There is also historical disagreement as to whether Albert Speer [shpeer] had an orchestra perform this composer's fourth symphony to signal the imminent fall of Berlin. That symphony, which sometimes combines duplets and triplets like many of this composer's works, is his Romantic symphony. This composer claimed that his symphony composed in 1869 does not count, so it is sometimes called his Null Symphony or Zeroth Symphony. Name this composer who often revised his own works.

Answer: (Josef) Anton Bruckner

If the score is still tied, continue. If it is not tied, the game is over.

- TB22. One writer from this country wrote a short story ending with a girl not protesting when her father says "Never mind, she's only a girl." Companies in this country are mentioned at the beginning of that story when describing the father's fox farming business. Another writer from this country wrote a novel that is set after the United States is taken over by the Sons of Jacob, and which is narrated by Offred ["of-Fred"]. This country is the setting of "Boys and Girls" by Alice Munro. Name this country where Lucy Maud Montgomery set *Anne of Green Gables* on Prince Edward Island, and which is north of the setting of Margaret Atwood's *The Handmaid's Tale* in the United States.

Answer: Canada

If the score is still tied, continue. If it is not tied, the game is over.

- TB23. Lewis Carroll's *The Hunting of the Snark* is subtitled *An agony in this number of Fits*. A byte consists of this many bits. There are this many squares in each rank and each file of a chess board. In pool, the ball with this number is black. Give this number of legs of a spider.

Answer: 8

There are no more overtime questions available. If the score is still tied, contact the control room for further instructions. If it is not tied, the game is over.