Round Two

Read only for Round Two

Officials Checklist and reminders:

1.) Review this checklist and reminders document and the rules flow chart. _____
2.) Pencils and fresh scratch paper for each participant _____
3.) Timer instructions _____
4.) Identify the head coach for each team. _____
5.) Identify the team captain. _____
6.) Review the pumpernickel rule _____

Accept only the answer to the bonus question that comes from the captain.
The captain may defer to another team member to give the answer to the bonus question.
If you want them to indicate a deferral in a specific way – tell them at the beginning of the match. "If you are going to defer on a bonus question, please do so by …."

Coaches may use an ipad or table to keep score (I've sent out an excel score sheet) They may not use their ipad, phone or other technology to look up answers, send or received text messages or emails or to make calls during competition.

Before you begin, remind students that on a toss-up question they must buzz-in and be recognized before giving the answer and that they may NOT confer on a toss-up. You may only confer on a bonus question."
When you read a toss-up question – identify the subject, then read the question.
If the team member buzzes-in before the question is completed and the answer is incorrect, say 'incorrect, I will finish the question' then finish reading the question.
If you have finished reading the question when the first team buzzes-in and gives an incorrect response say 'incorrect,' look at the second team call them by team name and say '_____ I have finished the question'
If the time has expired, their response should be to immediately buzz-in to be recognized. If there is still time (5 seconds for a regular question 15 on a math computation) they have the remaining time to buzz.
If the toss-up question is not answered correctly by either team, give the correct answer. Do NOT read the bonus question, go on to the next toss-up. **If you need a replacement question for this subject, you may use the unused bonus.**
The first time you read a bonus question for each team say 'Here is your bonus question, you do not need to buzz-in. Remember you may confer on this question, and I will take the answer from the team captain.'
There is NOT a penalty for buzzing during a bonus question.

When the time for conferring has expired (10 seconds – 15 on math or science computation) **call for the answer.** Say, 'Captain?' or 'answer please' (or something similar). If they do not give you an immediate answer say 'time' and give the correct answer.
There is no limit to the number of team members a team substitutes.
On a toss-up question, do not give the correct response until you have given both teams an opportunity to answer the question.
Leading articles such as "the," "an," and "a" are not required (e.g., Tale of Two Cities is an acceptable answer for The Tale of Two Cities). However, if an article is given, it must be the correct one.
Plural/Singular answers are acceptable unless otherwise delineated.
Last names are acceptable, except where there is more than one common person in the same field. Prompt for more information by saying – 'more' or 'more specific'.
Questions requiring additional computation time (15 seconds) have computation in the subject line - MATH COMPUTATION: or SCIENCE COMPUTATION: or BONUS COMPUTATION: (If it needs it and we forgot it, add it!)
Math or Science questions that do not require computation and receive regular question time (5 for toss-up and 10 for bonus) do not have computation in the subject line - MATH: or SCIENCE: or BONUS

Explain the addition of the word Computation to the timer and the team at the beginning of the tournament. After the first question containing COMPUTATION: You may choose to say only Computation if you wish.

Give your stall count before the game starts. A stall count is the amount of time allowed for the student to begin their answer once you've called on them. "My stall count is _ _ _." Fill in the blanks with your count. Do you count 1, 2, stall? 1, 2, 3, stall? Do you say stall on the upbeat of the 3rd second or the downbeat? My preference is you count 1(1001), 2(1002), 3(1003) with stall being called on the downbeat of 3. (Down beat being the end of the 1003 with 100stall. You do not have to say the 1000 or the second 1, 2 or 3 out loud. You do need to make some type of physical indication - head nod, hand count (like a basketball referee counting the backcourt) even a foot tap. But do something so the student can see the seconds slipping away. This also helps with consistency. Neither team can say the other team received more time before a stall was called. When an immediate answer is expected 1 second is adequate time to allow before a stall is called.

"Welcome to Round One of the tournament. I am _____, your moderator. (if you have a judge, timer and scorekeeper, introduce them as well) Our two teams are _____ and _____. Head coaches, will you please stand. A protest may be lodged only by the head coach." (run a buzzer check) "Students, remember, you may not give an answer until you are recognized. If you do so, it will be ruled as an incorrect response, even if your answer is correct. Explain the timing for Math or Science Computation: (see instructions) Good sportsmanship is expected from **all** players, substitutes, coaches, spectators and parents. Except for using the excel spreadsheet to keep score, you may not use computers, smart phones, iPad, etc. during the competition. Turn off all and put away all electronics at this time. (pause) Are there any questions? Let's begin."

_____ _____ 1. MATH COMPUTATION: There are 12 yellow marbles, 16 red marbles, and 22 blue marbles in a bag. What is the probability, as a fraction in lowest terms, of drawing one marble at random from the bag and it is NOT red?

ANSWER: **17/25**

BONUS BONUS COMPUTATION: In a standard 52-card deck with four suits of diamonds, hearts, clubs, and spades, what are ODDS AGAINST choosing one card at random and that card is a KING?

ANSWER: 12 **to 1**

_____ _____ 2. SOCIAL STUDIES: **This man succeeded his father, Tukekas, in the early 1870s. This man surrendered at the Battle of Bear Paw after which he delivered the *** "I Will Fight No More Forever," speech. Who was this leader of the Nez Perce?

ANSWER: **Chief Joseph** [accept Young Joseph or Joseph the Younger or Hinmatóowyalahtq̓it]

BONUS BONUS: During the Nez Perce War, many Nez Perce fled through what national park, which is primarily in Wyoming?

ANSWER: **Yellowstone** (National Park)

_____ _____ 3. SCIENCE: A fusion event formed number 2 of this structure in humans and separated them from the other great apes, which have 48 compared to humans 46. What is this structure that carries genetic information and, in many organisms, exists in pairs that are separated when gametes are formed?

ANSWER: Chromosomes

BONUS BONUS: Chromosomes are built of this genetic molecule, a long chain that must be uncoiled and unzipped to be read and transcribed. What is this genetic molecule?

ANSWER: Deoxyribonucleic Acid [Accept "DNA"]

_____ _____ 4. SOCIAL STUDIES: **One side in this war escaped encirclement at the Battle of Ager Falernus. The Battles of the Trebia and Lake Trasimene occurred during this war which was ended by the *** Battle of Zama. What is this war during which a Carthaginian Army led by Hannibal encircled a Roman army at Cannae?

ANSWER: **Second Punic** (War) [prompt on Punic Wars; do NOT accept First or Third Punic War]

BONUS BONUS: What general led the Roman Army at the Battle of Zama and won the Second Punic War?

ANSWER: **Scipio Africanus** [prompt on partial answers; also accept Publius Cornelius Scipio]

_____ _____ 5. CURRENT EVENTS/POP CULTURE: **He urged viewers to help control the pet population*** by spaying or neutering their pets. This long-time game show host also encouraged members of the studio audience to "come on down". Name the long time *Price is Right* host who died at the age of 99 in 2023.

ANSWER: **Bob <u>Barker</u>**

BONUS   BONUS: Which comedian took over for Barker as host when Barker retired?

ANSWER: **Drew <u>Carey</u>**

_____ _____ 6. SOCIAL STUDIES: **This empire was founded after the Battle of Kirina was won by Sundiata Keita. Another ruler of this empire established Sankore University and nearly *** bankrupted Europe while on the Hajj. Mansa Musa was a ruler of what West African empire?

ANSWER: **<u>Mali</u>** (Empire)

BONUS   BONUS: Much of Mali's legendary history was recorded by what Moroccan traveler who compiled his travel stories in *The Rihla*?

ANSWER: (Abu Abdullah Muhammad) **<u>Ibn Battuta</u>**

END OF FIRST QUARTER
The score at the end of the first quarter is
Team one _____ Team two _____
Are there any questions?
(pause and look at the coaches if there are no protests proceed)
"Coaches... you may substitute if you wish.

_____ _____ 7. SOCIAL STUDIES: **Fear over the rising power of the winners of the Seven Weeks' War was one of the catalysts for the start of this war. The Paris Commune was declared during this war which included the Battle of *** Sedan. What is this war fought in 1870 between countries led by Otto Von Bismarck and Napoleon III?

ANSWER: **<u>Franco-Prussian</u>** (War) [or Franco-German War or War of 1870 before "1870" is read]

BONUS   BONUS: The last major battle of the Franco-Prussian War was fought in what French city on the Sarthe River which today hosts a 24 hour long endurance race?

ANSWER: **<u>Le Mans</u>**

_____ _____ 8. LITERATURE: **Its narrator is Death.*** In the book, Death relates the story of Liesel, a young German girl whose book-steaking and storytelling talents help sustain her family and the Jewish man they are hiding. Name the book that tries to make sense of the horrors of World War II.

ANSWER: ***<u>The Book Thief</u>***

BONUS   BONUS: Name the author of *The Book Thief*.

ANSWER: **Marcus <u>Zusak</u>**

_____ _____ 9. MATH COMPUTATION: Solve this equation for all real answers for x: $7x^2 - 35 = 3x^2 + 109$

ANSWER: (x =) **6 and -6**   [six and negative six OR   Plus/minus six]

BONUS BONUS COMPUTATION: Solve this equation for all real answers for x: $3x^2 + 12x - 135 = 0$

ANSWER: (x =) **5 and -9**   [five and negative 9]

_____ _____ 10. SOCIAL STUDIES: **This man, who gained the nickname Hero of Tampico, overthrew Agustin Iturbide. This man was taken as prisoner during the *** Texas Revolution. Who is this Mexican president with a false leg who led the attack on the Alamo?

ANSWER: (Antonio Lopez de) **Santa Anna**

BONUS BONUS: Santa Anna surrendered to Sam Houston at what final battle of the Texas Revolution?

ANSWER: (Battle of) **San Jacinto**

_____ _____ 11. HUMANITIES: **Fuxi and Nuwa are these figures in Chinese mythology. In Norse mythology, these figures are represented as Ask and *** Embla. Adam and Eve represent what figures in Christianity, who are often made out of clay or earth?

ANSWER: **First Humans** [accept First People or First Couple or Protoplasts]

BONUS BONUS: While not a first human, this figure in Mesopotamian mythology was also formed from clay. Who is this Mesopotamian wild man and friend of Gilgamesh?

ANSWER: **Enkidu**

_____ _____ 12. SOCIAL STUDIES: **In New Orleans, a driver of one of these vehicles offered prohibition agent Izzy Einstein a drink within 35 seconds. A number on one of these vehicles was examined by mathematician Srinivasa *** Ramanujan. London is famous for its black versions of what vehicles?

ANSWER: **Taxis**

BONUS BONUS: Paris's taxis were used to transport the wounded during the First Battle of the Marne in what war?

ANSWER: **World War I**

END OF FIRST HALF
The score at the end of the first half is
Team one _____ Team two _____
Are there any questions?
(pause and look at the coaches if there are no protests proceed)
"Coaches... you may substitute if you wish.

_____ _____ 13. SCIENCE: This phenomenon involves the bending of a wave around an obstacle or the spreading of a wave as it passes through an opening. It is related to the wavelength of the wave. What is the term for this effect where an optical grating of regular structure splits light into wavelengths like a prism?

ANSWER: Diffraction

BONUS BONUS: This phenomenon is used by prisms to separate light, the change in speed as light passes into a different medium. What is this effect that makes a pencil in a glass of water appear bent?

ANSWER: Refraction

_____ _____ 14. SOCIAL STUDIES: **A conspiracy to remove this man from a military post was known as the Conway Cabal. This man stated that he was, "Unconscious of intentional error," in his *** Farewell Address. The Battle of Yorktown was won by what First US President?

ANSWER: (George) **Washington**

BONUS BONUS: What name was given to George Washington's plantation in Virginia?

ANSWER: **Mount Vernon**

_____ _____ 15. MATH COMPUTATION: Sue bought six dozen eggs for $25.20. What is the cost of one egg?

ANSWER: **$.35**

BONUS BONUS COMPUTATION: Sue buys seven pounds of meat and wants to serve 18 people a six ounce serving. How many ounces will she have left over?

ANSWER: **4**

_____ _____ 16. SOCIAL STUDIES: **This political party twice nominated Charles Pinckney for the presidency. This party's first president signed the *** Alien and Sedition Acts. John Adams was a member of what political party which was ostensibly ended by the Hartford Convention?

ANSWER: **Federalist** (Party)

BONUS BONUS: What first Secretary of the Treasury founded the Federalist Party?

ANSWER: (Alexander) **Hamilton**

_____ _____ 17. FINE ARTS: **A film from the end of this country's Nuberu Bagu starred David Bowie as Jack Selliers and is called _Merry Christmas Mr. Lawrence_. This country's post-war films include _Yojimbo_ and _Rashomon_ by *** Akira Kurosawa. Yasujiro Ozu directed _Tokyo Story_ in what country?

ANSWER: **Japan**

BONUS BONUS: What film by Japanese New Wave director Masaki Kobayashi is named for the samurai's suicide ritual used for acts deemed to heinous for Seppuku?

ANSWER: **Harakiri**

_____ _____ 18. SOCIAL STUDIES: **A famine in the 1990s in this country is known as the Arduous March. The founder of this country established the totalitarian *** Juche philosophy. What is this Communist dictatorship led by the Kim Dynasty from Pyongyang?

ANSWER: **North Korea** [or the Democratic People's Republic of Korea or DPRK]

BONUS BONUS: What dictator led South Korea during the Korean War?

ANSWER: (Syngman) **Rhee**

END OF THIRD QUARTER
The score at the end of the third quarter is
Team one _____ Team two _____
Are there any questions?
(pause and look at the coaches if there are no protests proceed)
"Coaches... you may substitute if you wish.

_____ _____ 19. SCIENCE: Ninety-nine percent of the water vapor in the atmosphere can be found here, as well as 75% of the gases. This layer holds clouds and weather. What is the name for the lowest level of the atmosphere that touches the Earth's surface?

ANSWER: Troposphere

BONUS BONUS: This layer contains mostly hydrogen and helium, but in such small quantities collisions rarely happen. What is the name for the outer layer of the atmosphere that gradually thins into outer space?

ANSWER: Exosphere

_____ _____ 20. CURRENT EVENTS/POP CULTURE: **This state took the first mugshot of a US* president.** President Trump faces 13 counts in this state for attempting to overturn the state's 2020 election results. Name the southern state where Trump was indicted in Fulton County.

ANSWER: **Georgia**

BONUS BONUS: Which former NYC mayor and now President Trump's personal lawyer also had his mugshot taken in Georgia?

ANSWER: **Rudy Giuliani**

_____ _____ 21. SOCIAL STUDIES: **It's not Australia, but the Battle of Vinegar Hill ended a rebellion in this country. The Williamite War in this country was ended by the *** Battle of the Boyne. The Easter Rising took place in what country, where much fighting occurred in Dublin?

ANSWER: **Ireland**

BONUS BONUS: What English statesman, named Lord Protector of England, invaded Ireland and committed atrocities at the Siege of Drogheda?

ANSWER: (Oliver) **Cromwell**

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_____ _____ 22. SCIENCE: This process involves the movement of water through a semipermeable membrane to balance solute concentrations. It is a specific type of this more general process. What is the term for the passive movement of water molecules across a membrane from an area of low solute concentration to an area of high solute concentration?

ANSWER: Osmosis

BONUS   BONUS: This term describes the solution that has a higher solute concentration. What is the term for the solution which GAINS water through osmosis?

ANSWER: Hypertonic

_____ _____ 23. HUMANITIES: **A satire of Gothic novels about Catherine Morland by this author was published after her death.** *Northanger Abbey* **is by this author of** * *Persuasion*, who also wrote about Mr. Darcy and Elizabeth Bennet in another novel. Who is this author of *Pride and Prejudice*?

ANSWER: (Jane) **Austen**

BONUS   BONUS: What first Jane Austen novel, which she published anonymously, follows the sisters of the Dashwood family?

ANSWER: **Sense and Sensibility**

_____ _____ 24. MATH COMPUTATION: What is the decimal number for the binary number 100010?
[READ: one zero zero zero one zero]

ANSWER: **34**

BONUS   BONUS COMPUTATION: What is the quinary number for the decimal number 34?

ANSWER: **114**   [must say "one one four" NOT one hundred fourteen]

END OF GAME
The score at the end of the game is
Team one _____
Team two _____
If there is a tie allow for substitution before you ask the tie-breaker questions.
Tie Breakers

SOCIAL STUDIES: What city-state was established during the reign of Benito Mussolini with the signing of the Lateran Treaty?

ANSWER: **Vatican** (City)

SOCIAL STUDIES: The Lecompton Constitution was a pro-slavery document proposed for what state which experienced a "Bleeding" period as a lead-up to the Civil War?

ANSWER: **Kansas**

SOCIAL STUDIES: What war saw the Battle of Mukden and was ended by the Treaty of Portsmouth?

ANSWER: **Russo-Japanese** (War)

SOCIAL STUDIES: Suharto succeeded Sukarno as the leader of what East Asian country, a former Dutch colony governed from Jakarta?

ANSWER: **Indonesia**

SOCIAL STUDIES: The Cientificos served in what country as advisors to longtime dictator Porfirio Diaz?

ANSWER: **Mexico**

Are there any questions? (pause and look at the coaches if there are no protests proceed)
This ends the game. "