

British Novice Tournament 2017: INSERT WITTY SUBTITLE HERE

By Tom Hill, Joseph Krol, Alex Peplow, Ellie Warner, Francis Clark-Murray, Chris Stern, Theo Howe, Sam Cook, Jacob Robertson, Leonie Woodland, Julian Sutcliffe, Oliver Clarke, Matt Nixon, Tom de Bock, Dan Lawson, Tricia Goggin, Daoud Jackson, Ewan Macaulay, Evan Lynch and a couple more people.

Finals 1:

The previous tossup should have been on Ned Stark:

Tossups:

1. According to Ferdowsi, Arash delineated the borders of Persia using one of these things. In British myths, Tristan owned one of these objects named "Fail-not", and the Chinese god Houyi is usually depicted holding one of them. Odysseus was sent to Lemnos to retrieve one of these objects, which had originally belonged to Heracles, from Philoctetes. Odysseus would later use one of these things to kill Penelope's suitors. For 10 points, Apollo and Artemis are both known for wielding what weapon, which Cupid used to make people fall in love?

ANSWER: bows [accept arrows] <Tom>

2. This man responded to a pamphlet authored by Simon Fish with *The Supplication of Souls*, and also wrote a half-million word imagined dialogue between himself and William Tyndale. This man said that if his head would win his king a castle in France, "it should not fail to go." After refusing to swear the Oath of Supremacy, this man was brought to trial, where Richard Rich, at the urging of Thomas Cromwell, testified that this man had denied that the king was the Head of the Church. For 10 points, name this Tudor statesman executed for his Catholic beliefs by Henry VIII.

ANSWER: Sir Thomas More <JS>

3. The serine-threonine kinase CDK1 helps to initiate this process upon binding with cyclin. Astral rays of microtubules form at the start of this process, and a molecule described as "beads on a string" condenses in the first stage of this process. This process directly follows a "G2" phase. One stage of this process sees chromatids pulled apart by kinetochores. That stage follows one where chromatids line up along the cell plate. For ten points, what is this process including pro-, meta- and anaphases during which parent cells divide into diploid daughter cells.

ANSWER: mitosis <JR>

4. This philosopher argued that all simple ideas are originally copied from simple impressions, using the example that the taste of pineapple cannot be known until it has been tasted. This philosopher divided 'relations of ideas' from 'matters of fact', and argued that causal inference is a matter of belief, not reason. This philosopher argued that statements about morality cannot be directly derived from statements about facts; that is known as this philosopher's namesake guillotine or as the is-ought problem. For 10 points, name this Scottish empiricist, the author of *A Treatise of Human Nature* and *An Enquiry Concerning Human Understanding*.

ANSWER: David Hume <Alex>

5. The army of one king of this country was led by the brothers Hunt and Pazman. This country was defeated disastrously in the Battle of Mohi, and its expansion was stopped at the Battle of Lechfeld by the Emperor Otto I. Mongol invasions forced King Béla IV to move the capital of this country from Esztergom to its current site on the Danube. This country converted to Christianity under King Stephen, a member of the Arpad dynasty. For 10 points, name this European country, which was settled in medieval times by the Magyars.

ANSWER: Hungary <Tom>

6. In a play by this writer, an aristocratic family, headed by a peer who does not believe in class divisions, is shipwrecked on a desert island, where their butler asserts an authoritarian rule over them. This author is the only person to have produced a work with a perpetual copyright under UK law. In that work by this author of *The Admirable Crichton*, a young boy, who cannot be touched, is locked in a conflict with a pirate who says “bad form” as he falls into the waters of his nemesis, a crocodile. For ten points, name this dramatist who coined the name Wendy in his play *Peter Pan*.

ANSWER: James Matthew **Barrie** <Alex>

7. Of the departments set up by this politician, only the Welsh Office and the Ministry of Technology survived his tenure. This man claimed his biggest success was the founding of the Open University, and set out his plan for government by invoking “the white heat of technology”. He was attacked for claiming a currency devaluation would not affect the “pound in your pocket”. Under this man, Roy Jenkins helped pass reforms such as the legalisation of abortion and the decriminalisation of homosexuality. For 10 points, name this Labour Prime Minister who served two terms between 1964 and 1976.

ANSWER: Harold **Wilson** <JS>

8. A dysfunctional variant of the MC1R gene can often cause this condition. In one story, a man with this condition is hired to copy out the Encyclopedia Britannica so that criminals can tunnel into a bank vault from his basement. The Catherine Tate-played character Sandra Kemp is ostracised by society because she has this condition. Harriet Harman apologised after comparing Danny Alexander to a rodent with this condition. An inability to get a tan often correlates with, for 10 points, what condition that affects Ed Sheeran, Prince Harry and the Weasley family?

ANSWER: having **red hair** [accept **being ginger** or equivalents]

9. In one music video, this singer pursues a girl by riding on a gondola, by painting her picture, and by taking on numerous jobs at a casino. In that song this singer claims that he wants ‘some new face’. In another music video by this artist, he gets into a dance battle with a yellow-suited man, and later appears between the legs of a man who is pelvic thrusting in a lift. One iconic lyric in that song by this artist is, ‘Eyyyyyy, sexy ladies’. For 10 points, name this Korean novelty act, known primarily for the 2012 viral hit *Gangnam Style*.

ANSWER: **PSY** [“SIGH”] [accept **Park Jae Sang**]

10. In a novel by this author, a shaman causes a zeppelin to crash by manipulating a Spectre. This author created a race of elephant-like creatures who use giant seed pods for locomotion. This man criticised the Narnia books for being “monumentally disparaging of girls and women” and “blatantly racist”. This author created the mulefa in a trilogy in which Lord Asriel considers Dust to be the source of original sin, and attempts to separate children from their dæmons. For 10 points, name this author who wrote about Lyra Belacqua in the *His Dark Materials* trilogy.

ANSWER: Philip **Pullman** <Tom>

11. This artist introduced one of his motifs, some decaying food in a precariously-perched wicker bowl, in his *Basket of Fruit*. A group of artistic followers who took their name from this artist included Gerrit van Honthorst and began in Utrecht, and his work also inspired Artemisia Gentileschi’s *Judith Beheading Holofernes*. A painting by this artist in the Contarelli Chapel depicts Jesus inspiring the title tax collector to follow him, and demonstrates his pioneering use of tenebrism, an extended form of chiaroscuro. For ten points, name this murderous Italian Baroque painter of *The Calling of St Matthew*.

ANSWER: Michelangelo Merisi da **Caravaggio** <JK>

12. In June 2017, this singer admitted to having a secret Instagram for rating onion rings. It isn’t Taylor Swift, but this singer collaborated with producer Jack Antonoff on an album inspired by her break-up with James Lowe. On one song on that album, this singer tells her ex that “I’ll come get my things, but I can’t let go” because she is waiting for the title signal. Another song by this artist reveals that she has “never seen a diamond in the flesh” and

will “never be” one of the title people because “it don’t run in our blood”. The creator of *Melodrama* and *Pure Heroine*, for 10 points, name this New Zealand-born singer of “Green Light” and “Royals”.

ANSWER: **Lorde** <EJW>

13. In one scene in this novel, Marcela turns up to the funeral of Grisostomo to defend herself for refusing to marry Chrysostom. In another scene, this novel’s protagonist accidentally mistakes a barber’s bowl for the Helmet of Mambrino. The protagonist of this novel loses a battle to The Knight of the White Moon, Samson Carrasco. This novel’s protagonist embarks on a quest to find Dulcinea with his horse Rocinante and his companion Sancho Panza. For 10 points, name this novel about an adventurer who tilts at windmills, written by Miguel de Cervantes.

ANSWER: **Don Quixote** <EJW>

14. This island was the site of Frobisher’s initial discoveries of “gold”, which turned out to be iron pyrites, and is also the most likely location for Helluland described in some Icelandic sagas. Mt Thor, on this island, has the largest measured sheer vertical drop on Earth, at 1,250 m, and this island is the fifth-largest in the world. This island is the location of Iqaluit [ih-KAL-oo-it], the capital of Nunavut [NOO-na-voot], the newest and largest territory of Canada. For 10 points, name this largest island of the Canadian Arctic archipelago.

ANSWER: **Baffin** Island [accept **Qiqiktaaluk**]

15. A 1:3 mixture of this substance and sulfuric acid used to clean sintered glassware is called Piranha solution. A basic solution of this molecule is used to oxidise the products of hydroboration reactions. This molecule is produced in the anthraquinone process. This compound can be used as a monopropellant as silver catalyses its breakdown into steam and oxygen. A dilute mixture of ammonium hydroxide and this compound can be used to bleach hair blonde. For 10 points, name this detergent with chemical formula H_2O_2 .

ANSWER: **hydrogen peroxide** [accept **H₂O₂** before mentioned] <CS>

16. In this TV series, an unseen character who gave his wife a yeast infection from an Estonian prostitute owns a house-boat that will never be released from Rotterdam. A Russian character in this series states that her favourite spelt flour bread is sold in Hastings, and enjoys watching ‘DILFs’ in the park. One protagonist in this series eats part of a dog that he ran over, whilst another buys a bucket of fried chicken while his wife, Sophie, is in labour. ‘The Swan and Paedo’ is suggested as the name of a pub by Super Hans in, for 10 points, what sitcom about flatmates Jeremy and Mark, starring Robert Webb and David Mitchell?

ANSWER: **Peep Show** <DJL>

17. This composer wrote over 200 drinking songs, including “True Englishmen drink” and “Plague on you for a fop”. Choral works by this composer include an eight part setting of “Hear my prayer, O Lord” in C minor and the hymn tune *Westminster Abbey*. A drunken sailor sings “Fill up the bowl” in this composer’s opera *The Fairy Queen*. The aria “Pursue thy conquest, love” is sung by Belinda in another opera by this composer, which ends with a Carthaginian Princess singing “When I am laid in earth.” For ten points, name this English composer of *Dido and Aeneas*.

ANSWER: Henry **Purcell** <MN>

18. 352 Indian passengers attempting to immigrate to this country were refused entry in the 1914 *Komogata Maru* incident. During World War One, troops from this country were originally led by Edwin Alderson, and formed the main Allied force during the battle of Vimy Ridge. John McCrae, the poet of “In Flanders Fields”, was a physician from this country, where conscription was vehemently opposed by French speakers such as Henri Bourassa and Wilfrid Laurier. For 10 points, name this country whose participation in the First World War as a British dominion was opposed in Quebec.

ANSWER: **Canada** <Tom>

19. One character in this novel searches for morphine syringes but finds only a note referring to “M&M Enterprises”. Another character in this novel has “a bewildering resemblance to Henry Fonda”, and was promoted by an IBM machine with a sense of humour. Characters in this novel include Milo Minderbinder and Major Major Major Major, attached to the 256th Squadron on Pianosa. The title of this novel refers to a clause where crazy pilots don’t have to fly, but those who want to stop flying are judged sane. For 10 points, name this novel about Yossarian, by Joseph Heller.

ANSWER: Catch-22 <LW>

20. Chemical reactions in these regions can have their rates described by Langmuir-Hinshelwood kinetics. The Du Nouy [“NOY”] ring method measures one quantity that describes these regions, and gradients in that quantity can cause mass transfer in the Marangoni effect. Adsorption is the adhesion of chemicals to these regions which are often contrasted with the “bulk” of a substance. For 10 points, name these boundaries between phases whose namesake “tension” allows some insects to walk on water.

ANSWER: surfaces [or interfaces]

Bonuses:

1. The title of this book in its original language literally translates to “Men who hate women”. For 10 points each:
[10] Name this book in which the computer hacker Lisbeth Salander and the journalist Mikael Blomkvist investigate the mysterious disappearance of Harriet Vanger.

ANSWER: *The Girl with the Dragon Tattoo*

[10] The Girl with the Dragon Tattoo is part of the Millennium Trilogy by this Swedish author, who died in 2004 before the trilogy was published.

ANSWER: Stieg Larsson

[10] One of the strongest influences on Larsson in the creation of Lisbeth Salander was this character created by Astrid Lindgren. Larsson envisaged Salander as a “grown-up” version of this girl.

ANSWER: Pippi Longstocking [or Pippi Långstrump, accept any underlined part] <EJW>

2. The hypothetical Westermarck effect proposes that sexual attraction is numbed between people who grew up together, making this activity unlikely. For 10 points each:

[10] Name this activity, consisting of intimate relations between close relations. This activity between any closer relations than cousins is legally prohibited in the UK, regardless of whether both parties are consenting.

ANSWER: incest

[10] Incest is one of the most widespread examples of activities under this kind of prohibition, the name of which derives from a Polynesian word meaning either ‘set aside’ or ‘forbidden’.

ANSWER: taboo

[10] This anthropologist proposed the alliance theory as an explanation of the incest taboo in his book *Elementary Structures of Kinship*, arguing that it encouraged marriage outside of a single kinship group.

ANSWER: Claude Lévi-Strauss <Alex>

3. This painter’s highly theatrical depiction of *Napoleon Crossing the Alps* was later reimagined in a more realistic form by Paul Delaroche. For 10 points each:

[10] Name this French neoclassical artist, painter of *The Death of Socrates* and *The Death of Marat*.

ANSWER: Jacques-Louis David

[10] This other painting by David shows the three title brothers reaching out to take swords from their father whilst other members of their family cry in the background.

ANSWER: Oath of the Horatii [or *Le Serment des Horaces*]

[10] This other French artist sought to break from David's neoclassicism with a controversial painting of fifteen survivors from a naval disaster, *The Raft of the Medusa*.

ANSWER: (Jean-Louis André) Théodore **Géricault** <Alex>

4. This character becomes friends with Buck Grangerford, who is later murdered in front of him as a result of his family's feud with the Shepherdsons. For 10 points each:

[10] Name this boy, adopted by the well-meaning Widow Douglas, who spends most of the novel titled for him on a raft with Jim, an escaped slave.

ANSWER: **Huckleberry "Huck" Finn** [accept any underlined part; accept *Adventures of Huckleberry Finn*]

[10] *Adventures of Huckleberry Finn* is a novel by this author, who also wrote *The Adventures of Tom Sawyer*.

ANSWER: Mark **Twain** [or Samuel Langhorne **Clemens**]

[10] Much of *Huckleberry Finn* is set along this river, on which Twain had once been a riverboat pilot.

ANSWER: **Mississippi** River <Alex>

5. The Lari massacre during this conflict became known as its country's "Night of the Long Knives". For 10 points each:

[10] Name this rebellion against British colonial rule. During this rebellion, Operation Anvil rounded up 20,000 rebels in Nairobi and interned them in Langata camp.

ANSWER: **Mau Mau** Uprising [accept synonyms for uprising e.g. rebellion]

[10] The Mau Mau Uprising took place in this East African country. This country is currently led by Uhuru Kenyatta, the son of former president Jomo Kenyatta, who was put on trial for his part in the uprising.

ANSWER: **Kenya**

[10] The Mau Mau Uprising was led by members of this Kenyan ethnic group, the largest in the country. Kenyan author Ngugi wa Thiong'o writes in the language of this ethnic group.

ANSWER: **Kikuyu** <EJW>

6. One example of these behaviours is the way in which mayflies drop their eggs when they encounter a pattern of light polarisation that suggests they are over water. For 10 points each:

[10] Name these instinctive behavioural sequences that are relatively invariant within a species and almost inevitably run to completion.

ANSWER: **fixed action patterns** [or **modal action patterns**]

[10] These courtship rituals are common examples of fixed action patterns among birds. The Bird of Paradise performs a particularly spectacular one, and grebes perform them by running across the surface of water in sync.

ANSWER: **mating dances** [prompt on **dances** by winking outrageously and asking "and what do you reckon they'll do afterwards?"]

[10] Another fixed action pattern that involves a dance is the "waggle dance" performed by these animals. Apiculturists take care of these animals.

ANSWER: **bees** [accept **BEEEEEEEEEEEEES**]

7. For ten points each, answer some questions about the musical collaborators of Kanye West:

[10] West used samples from this French duo's song *Harder, Better, Faster, Stronger* for his track *Stronger*. This act has recently appeared on *Starboy* and *I Feel It Coming* on The Weeknd's latest album.

ANSWER: **Daft Punk**

[10] A song by this group was sampled on West's 2010 song *Lost in the World*. This group's lead singer was described as 'one of the baddest white boys on the planet' before a performance of *Hold My Liquor* at Glastonbury.

ANSWER: **Bon Iver** [prompt on **Justin Vernon**]

[10] Kanye's best known collaborator is this artist, co-creator of the album *Watch the Throne*, which was published under his Roc-A-Fella label. This rapper sang *Empire State of Mind* along with Alicia Keys.

ANSWER: **Jay-Z** [accept Shawn Corey **Carter**] <FCM>

8. Many European countries are known for their natural wonders. For 10 points each, answer some questions on a lesser-known part of European natural heritage.

[10] Bialowieza [byah-woh-VES-ka] is one of the largest remnants of this category of forest in Europe. Much of the Amazon rainforest and Sequoia National Park are made up of this type of forest.

ANSWER: **primeval** forest [accept **old-growth** forest, **primary** forest, **virgin** forest, or **late seral** forest]

[10] Bialowieza is shared between Belarus and this neighbouring country, capital Warsaw, whose environment minister has come under attack for plans to increase logging within the forest.

ANSWER: **Poland**

[10] The Bialowieza forest is particularly important as it is home to one of the largest re-introduced populations of this heaviest European land animal, and now plays host to around 800 of them.

ANSWER: European **bison** [accept **wisent**]

9. At around 100,000 lines, the *Shahnameh* by Ferdowsi is the longest epic poem written by a single author. Answer some questions about it, for 10 points each:

[10] Ferdowsi wrote in this language, which uses a modified version of Arabic script. It is the majority language of modern Iran.

ANSWER: **Persian** [accept **Farsi**]

[10] Although Ferdowsi was a Muslim, the *Shahnameh* is an important text for adherents of this dualistic religion. It describes the life of its central prophet, and its adoption as the official religion of the Sassanid Empire.

ANSWER: **Zoroastrianism**

[10] In one part of the *Shahnameh*, the princess Sudabeh falls in love with her stepson, and turns against him when he resists her advances. This bears striking parallels with the Greek myth about this wife of Theseus and stepmother of Hippolytus, the subject of a tragedy by Jean Racine.

ANSWER: **Phaedra** [or **Phèdre**] <Tom>

10. Originally written by Billy Strayhorn, the lyrics of this song were added later by Joya Sherrill. For 10 points each:

[10] Name this jazz standard which tells you that if you don't catch the titular vehicle, you'll "find you've missed the quickest way to Harlem".

ANSWER: **Take the 'A' Train**

[10] *Take the 'A' Train* was a signature tune of this man's big band. This pianist and bandleader wrote *Mood Indigo* and also popularised the song *It Don't Mean a Thing (If It Ain't Got That Swing)*.

ANSWER: Duke **Ellington**

[10] This "First Lady of Song" included *Take the A Train* in one of her 19 *Songbook* albums. This jazz singer's first hit was *A-Tisket, A-Tasket*, and she famously worked with Count Basie and Louis Armstrong.

ANSWER: Ella **Fitzgerald** <MN>

11. Name some things that are "International Orange", the colour used by the aerospace industry when they want to be able to see things against the sky. For 10 points each:

[10] Despite their name, these near-indestructible flight recording devices are actually international orange.

ANSWER: **black boxes**

[10] Chuck Yeager piloted one of these international orange aircraft named "Glamorous Glennis" when he became the first man to break the sound barrier.

ANSWER: **Bell X-1**

[10] This structure is painted its own slightly lighter shade of international orange. It connects Marin County to San Francisco.

ANSWER: The **Golden Gate Bridge**

12. At low velocities, this force increases linearly, according to Stoke's law, whereas at high velocities, it increases quadratically.

[10] For 10 points each, name this force which opposes motion through a fluid.

ANSWER: **drag** [accept **air resistance**, **fluid resistance**, or **fluid friction**]

[10] This dimensionless number is the ratio of the inertial drag forces to the viscous drag forces.

ANSWER: **Reynolds** number

[10] Once the Reynolds number is above about 0.1, the flow changes from laminar to this type of flow. This flow regime is described by Kolmogorov theory.

ANSWER: **turbulent** [or **turbulence**] <LW>

13. During this festival, brothers traditionally visit their sisters to dine with them and give them gifts. For 10 points each:

[10] Name this Hindu festival. This festival commemorates how Rama defeated Ravana and returned to Ayodhya with Sita, following a trail of diya lamps placed by villagers to light their path home.

ANSWER: **Diwali** [accept **Deepavali** or **Divali**]

[10] During Diwali, women traditionally create these colourful designs made out of materials like chalk, rice, flour, sand and petals. These designs are used to decorate the floor, particularly around entrances to buildings.

ANSWER: **rangoli** patterns

[10] Another important part of Diwali involves dedicating one of these religious ceremonies to Lakshmi. During these devotional ceremonies, the god in question is typically offered food, flowers and incense at a household shrine.

ANSWER: **puja** <EJW>

14. This novel ends with the former savage John self-flagellating in a tower, before hanging himself. For 10 points each:

[10] Name this novel, set 632 years After Ford, and featuring sleep-learning specialist Bernard Marx as its protagonist.

ANSWER: ***Brave New World***

[10] *Brave New World* was written by this British author, who later wrote of his experiences of the drug mescaline in *The Doors of Perception*.

ANSWER: Aldous **Huxley**

[10] The characters of *Brave New World* consume this soothing drug in order to keep them subservient to the state. In the novel, John attempts to disrupt the supply of this drug, saying that he is 'freeing' the people.

ANSWER: **soma** <JK>

15. The great Welsh poet Hedd [HETH] Wynn, the only posthumous winner of the Bardic Chair at the National Eisteddfod [i-STETH-vod], was killed on the first day of this battle. For 10 points each:

[10] The combined Allied and German death toll for this Belgian battle is estimated at over half-a-million. It ended, fairly inconclusively, on the 10th November 1917.

ANSWER: **Passchendaele** [accept **Third Battle of Ypres**]

[10] Name this German general who was the primary commander of the German defences at Passchendaele. After the war, he was prominent in nationalist politics, and participated in the Beer Hall Putsch of 1923.

ANSWER: Erich **Ludendorff**

[10] The Battle of Passchendaele was partly fought in order to divert the German army from the problems of the French army, which had become mutinous following the failure of this campaign, fought in Northern France and named after its commander.

ANSWER: The **Nivelle** Offensive <Alex>

16. Among this character's many, many failings include his inability to manage a baseball team and his failure to fly a kite. For 10 points each:

[10] Name this comic book character, who visits Lucy van Pelt for psychiatric help, and tries to take care of his pet beagle, Snoopy.

ANSWER: **Charlie Brown** [both parts required; prompt on partial answer]

[10] Charlie Brown, Snoopy, and Lucy were all characters in this newspaper comic strip created by Charles M. Schultz.

ANSWER: **Peanuts**

[10] This other *Peanuts* character is the catcher for Charlie Brown's baseball team. He is also the object of Lucy's affections, though he is more focused on his own idolisation of Ludwig van Beethoven.

ANSWER: **Schroeder**

17. Hip hip toupee! For 10 points each, answer the following about one of history's biggest fashion trends - wigs:

[10] Wigs were but a shameful necessity until the elaborate hairpieces of this balding King of France sparked a European craze in the 17th century. This "Sun King" also constructed the Palace of Versailles.

ANSWER: **Louis XIV**

[10] The trend soon spread to Britain, although this London resident complained in a 1665 diary entry that he felt markedly uneasy buying a wig that may have been made of the hair of plague victims.

ANSWER: Samuel **Pepys**

[10] In his engraving *Five Order of Periwigs*, William Hogarth mocked the elaborate form of wigs worn at the coronation of this monarch. The powder used in this king's wigs may explain the enormous amounts of arsenic that have been found in surviving samples of his hair.

ANSWER: **George III** <EJW>

18. The wheels on this vehicle will have to resist 50,000G of centrifugal force as they rotate at over 10,000 rpm. For 10 points each:

[10] Name this vehicle which will use a custom-designed rocket engine as it aims to become the first car to break the 1000 miles per hour barrier.

ANSWER: **Bloodhound SSC**

[10] The Bloodhound supersonic car will be piloted by this former RAF pilot who also drove Thrust SSC as it became the first car to break the sound barrier.

ANSWER: Andy **Green**

[10] The land speed record attempt will take place in the Hakskeen Pan in the Northern Cape region of this country, very near to its borders with Namibia and Botswana.

ANSWER: Republic of **South Africa**

19. This man authored a series of anti-Catholic pamphlets the same year that he was received into the Catholic Church - later claiming he had gone undercover to investigate the Jesuit Order. For 10 points each:

[10] Name this man who fabricated an elaborate Catholic conspiracy to assassinate Charles II - the so-called "Popish Plot".

ANSWER: Titus **Oates**

[10] Amongst the people Oates accused was this Portuguese wife of Charles II. Oates suggested that this Catholic queen was trying to poison her husband.

ANSWER: **Catherine** of **Braganza** [prompt on Catherine]

[10] Oates was imprisoned for his fabrications, but was released upon the accession of this king. This Prince of Orange succeeded Charles II in the Glorious Revolution of 1688.

ANSWER: **William III** [or **William of Orange**; prompt on William] <Tom>

20. Structures designed to disrupt the effects of this phenomenon include groynes and offshore breakwaters. For ten points each:

[10] Name this phenomenon, in which the direction of the prevailing wind causes sand and sediment to be transported steadily down a coast parallel to the shoreline.

ANSWER: **longshore drift**

[10] Longshore drift can produce these geographical features when it occurs beyond a point at which the shoreline abruptly changed direction, such as a river mouth. These thin strips of land include Spurn Point, which juts into the Humber Estuary.

ANSWER: (sand) **spit** [prompt on bar; prompt but DO NOT REVEAL tombolo]

[10] When spits end up connecting the mainland with an island, they are given this specific name. Examples include Chesil Beach, which connects Weymouth to the Isle of Portland.

ANSWER: **tombolo** <JK>