M1-F1- Creation of the universe- theory wheel

➤ Scientists first thought universe was static/constant
➤ its unchanging/same everywhere at all times
➤ since it's same in appearance therefore it has always been there,
nothing caused it, no beginning and no end
➤ it explains expansion by saying matter continuously needs to be created to maintain constant density
➤ this theory was later found wrong/incorrect as scientist found that universe is constantly evolving

which theory is this?

➤ the old model says that universe started from singularity exploding (big bang) it keeps expanding till it reaches its maximum
➤ its then followed by (big crunch) i.e. contracting into singularity
➤ then the cycle restarts again

➤ the new model says that universes might be near each other but in different, higher dimensions called bulk
➤ it involves colliding branes

which theory is this?

these theories may have some merit but they nearly all fail to answer the fundamental question which is?

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➤ this theory states that after the Big Bang during a brief period rapidly during inflation called inflation
➤ and that this inflation never stopped and has been going on
➤ it's like inflation producing bubbles and each bubbles is a different universe ours being one of them

which theory is this?

➤ universe came into existence 13.7 billion years ago
➤ this theory states that universe began with an explosion from a dense singularity
➤ expansion of this singularity caused all the matter in the universe to expand
➤ prior to that moment there was nothing
➤ the gas moved away from the centre of the universe
➤ as the gas expanded it cooled allowing structures like stars, galaxies, and planets to form

Which theory is this?

what are the names of the other theories?

vast computer simulation running in a hologram or a digital
➤ it may be a flat
observers it appears to human reality is nothing like how
that the universe in
➤ these theories suggest